

U's uneasy over plan for research funding

by George Cook

Euphoria turned to disappointment last week as the impact of the federal budget on university research funding became clear.

"In the context of restraint and cut-backs in the budget, the federal granting councils are indeed in a very strong position. But that's a relative statement," Professor Geraldine Kenney-Wallace, chairman of the Research Board, said last week.

She told a Feb. 6 board meeting that the five-year commitment of funds for research is welcome, but little new

money is available.

"When you look carefully at this skilfully put together budget you see we're going to be right back where we are if we all live as long as 1990-91. In other words, all the new five-year plans are the old five-year plans plus six per cent, if there are matching funds from the private sector," Kenney-Wallace said.

She outlined the budget provisions as they affect the Natural Sciences & Engineering Research Council (NSERC), the Medical Research Council (MRC) and the Social Sciences

& Humanities Research Council (SSHRC).

This year's base budget for the three councils is \$536.7 million. In 1986-87 the base rises to \$562 million. Then, in 1987-88, when the matching grant program begins, core funding drops to \$478 million, with a yearly \$58.5 million supplement guaranteed until 1990-91.

The 1985-86 budgets for NSERC, MRC and SSHRC are \$311.6 million, \$161.4 million and \$63.7 million respectively.

Beginning in 1987-88 the councils will match private sector contributions

to research dollar for dollar, up to six percent of the base budget. Thus, private sector and government funds could result in a 12 percent annual budget increase for the councils.

If each takes maximum advantage of the matching grant formula, the NSERC, MRC and SSHRC budgets will reach \$492.4 million, \$255 million and \$100.7 million respectively by 1990-91.

However, these amounts fall well short of those requested by the councils in their proposed five-year plans. NSERC, for example, had asked that its budget be increased to about \$703 million by 1990.

It is not yet known whether responsibility for finding private sector donors will rest with individual researchers, the universities, the councils or a combination of the three.

The means of apportioning private sector contributions must also be worked out. The government has not yet specified how much control private

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UNIVERSITY OF TORONTO

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Visit of the US ambassador

University research was one of the subjects discussed when the US ambassador to Canada, Thomas Niles, met with President George Connel at the start of a day-long visit to U of T Feb. 24. Vice-President (Research) David Nowlan and Professor Geraldine Kenney-Wallace, chairman of the Research Board, also took part in the meeting. The ambassador later spent two hours with a political science fourth-year/graduate class taught this year by Professor John Kirton and Professor Charles Doran, the Claude T. Bissell Visiting Professor of Canadian-American Relations. In the afternoon, Niles spoke on current US foreign policy to an invited group of 50 faculty and students at Trinity College.

U of T's accounting system becomes negotiating issue

by Judith Knelman

The University of Toronto Faculty Association (UTFA) has charged in a negotiating report to its members that the administration is using a contrived deficit to keep salary increases down.

The administration, says UTFA, has offered an increase that would reduce salary scales in real terms. Its proposals conflate PTR (progress through the ranks) and the adjustment for inflation on the ground that there is a single pool of funds for salary increases, says the report. "Its sole justification for making the offer at a level that even it describes as 'modest' is the University's allegedly precarious financial position," says the report from the faculty association negotiating team, which is headed by Jack Wayne, a professor of sociology.

Rob Prichard, the dean of law and the head of the administration's negotiating team, said he was encouraged that at last UTFA had engaged the key issues of PTR and the University's overall financial situation. "Our proposals are consistent with the University's financial situation; theirs are fundamentally inconsistent with it," said Prichard, who pointed out that the administration's proposals would increase the salaries of individual faculty members and librarians on average by more than four percent.

UTFA is objecting that the administration's offer of a cost-of-living increase is well below the actual increase in the Consumer Price Index for Toronto. Furthermore, argues UTFA, the administration's proposal that the increase be calculated on the basis of floors for each rank rather than actual salaries would drastically impair the ability of faculty members and librarians to maintain their standard of living in the intervals that follow promotion.

The association claims that, far from having a deficit of \$488,000 for 1984-85 as the budget guidelines for next year suggest, the University

actually had a surplus of \$2,370,000 and is therefore well able to afford a greater salary increase than it is offering.

The administration's strategy, says UTFA, has been to declare carry-forwards of divisional appropriations and purchase order commitments as expenses and liabilities. UTFA compares this practice to listing next year's mortgage payments as this year's expenses in the household budget and says it is a violation of not only generally accepted accounting principles but those recommended for universities by the Association of Universities & Colleges of Canada (AUCC).

The accusation is simply untrue, says Bob White, assistant vice-president (finance). U of T used to report these kinds of transactions as expenditures, but stopped 10 or 12 years ago, he said. He believes the University is following the AUCC guidelines on encumbrances, which take account of purchase orders outstanding at the end of the year, but do not include carry-forwards.

The financial statement of last June, he pointed out, clearly indicates and analyzes funds committed for specific purposes.

"I'm surprised that UTFA is making these statements," said Alec Pathy, vice-president (business affairs). "I thought their officers had finally come to understand what we are doing. The first couple of years I was here I spent a lot of time trying to satisfy them that our accounting was an honest, accurate reflection of the University's financial position — that there were no gold bricks in Simcoe Hall."

"I can assure you that our statements are not in any sense misleading. If it's necessary to review all this with them all over again, I offer my staff to do that."

The negotiating teams have not met since Feb. 17, and no meetings are scheduled until both see the mediator, Thomas Berger, March 31.

Federal budget

Continued from Page 1

sector donors will have over the destination of their funds.

Research Board members questioned the role of peer approval of industry-funded projects. Kenney-Wallace said an elaborate peer review process would discourage private sector investment in research.

She said she hopes the matching grant program does not result in a "United Way for research", forcing academics to become project salesmen competing for private sector support.

Other board members raised questions concerning the impact of the matching grant program on basic research, contract research and the University's private funding campaign.

In the light of questions and concerns, Kenney-Wallace said she and several other board members will meet business executives to discuss a joint approach to the government before Parliament passes the budget bill. Suggestions must be made quickly if they are to have an impact, she said.

As at U of T, national reaction to the budget's research provisions was mixed. The Association of Colleges & Universities of Canada (AUCC) responded at its national conference in London last week.

Speaking on behalf of the AUCC, University of Manitoba President Arnold Naimark said the matching grant program may do little more than com-

pensate for inflation. Because the councils' base budgets are frozen there may be no real growth in research spending in the next five years, he said.

If the program is a complete success and inflation remains at four percent, research funds will increase by only 2.5 percent a year in real terms. If private sector support does not grow at expected rates, the councils could lose up to 18 percent of their current purchasing power by 1990-91.

Naimark said AUCC is not convinced the private sector is prepared to provide additional funds for research and development in the universities.

At a joint news conference earlier in the week representatives of the Canadian Association of University Teachers (CAUT) and the AUCC said they share "grave reservations" concerning the budget.

CAUT spokesman Richard Bellaire said the two organizations question the way the councils' base budgets have been structured. He said the division of funds into two parts — the \$478 million core and the \$58.5 million supplement — may indicate budget reductions ahead.

If the matching grant program is successful the government may decide the supplement is unnecessary and eliminate it in 1990-91, he said. Similarly, if industry fails to provide funds the government may claim the private sector isn't interested in university research and end the supplement in any case.

Given the government's decision to slow the growth of transfer payments to the provinces over the next five years, the universities' financial future looks no brighter than its recent past, Bellaire said.

He said CAUT thinks estimates of private sector contributions to research are unrealistic. This year NSERC will receive about \$10.8 million from private sources. The budget projects an increase to \$19.4 million in 1987-88 and \$90.4 million in 1990-91.

Of the three councils SSHRC may be the hardest pressed to generate private sector money, director of information Jeffrey Holmes said. However, private funds might be found for management studies, industrial relations research and the social sciences. Money for the study of languages, cultures, and economic and political systems might also be available from corporations and agencies with multinational interests.

Holmes said it is not yet clear whether money from foundations will be included in the private sector category. If so, SSHRC would be in a somewhat better position to generate funds, he said.

Architecture chairman appointed, external review requested

Steven Fong, a 35-year-old part-time instructor in architecture, has been named chairman of the program, succeeding Douglas Lee, who resigned. Fong's appointment runs until June 30, 1988.

Fong has a master's degree in architecture from Cornell. He taught in architecture studios at Cornell and at Syracuse University before coming to U of T in 1984.

He was chosen from a short list drawn up after the entire architecture faculty and 22 of the students — those on the faculty council — were canvassed by Acting Dean Peter Wright. "It was not a ballot, but it gave us an indication of who had support," said Wright.

In a statement to students and faculty members Fong said a faculty com-

mittee will propose to the administration that the program be assessed by an independent professional review board. The quality of the program has been publicly questioned recently in the administration's recommendation to close the Faculty of Architecture & Landscape Architecture once students now in first year have graduated.

The University of Toronto Faculty Association (UTFA) has asked the joint committee of academic affairs and planning and resources, which is considering the recommendation, to establish a presidential task force to study briefs, hear submissions, investigate and make recommendations on the proposal that the faculty be closed. An external review of the program in architecture ought to precede any discussion of closure, says UTFA.

Van Ginkel elected head of architecture association

Blanche Lemco van Ginkel, professor of architecture, has been elected vice-president/president elect of the Association of Collegiate Schools of Architecture.

ACSA was founded in 1912 for "the enhancement of the quality of architectural education". From the original

eight founding institutions, ACSA now includes virtually all of the professional degree-granting programs in Canada and the US and has affiliate members throughout the world.

Professor van Ginkel is the first Canadian elected to this position.

Vic sesqui contests

Victoria University is holding two contests — one for a processional banner design, the other for a hymn text — to help celebrate its sesquicentennial. The contests are open to members of the University and the general public. Banner designs must be submitted on paper and in colour, postmarked no later than March 27. Submissions for the hymn text competition must be postmarked no later than May 1. First prize is \$150 for the banner and \$400 for the hymn. For contest information call Sharon Gregory, 978-3813, or write the Victoria Alumni Office, 4 St. Thomas St.

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Massey junior fellowships

Massey College, the only graduate college in the University, is currently accepting applications for junior fellowships, resident and non-resident, for the academic year 1986-87. Letters of application should be sent to the secretary, Massey College, 4 Devonshire Place. Transcripts are required, and two letters of reference; the deadline for applications is May 15. Details and brochures are available from the secretary, 978-2891.

CSRI gets \$100,000 from Bell to improve office electronics

The Computer Systems Research Institute has received \$100,000 from Bell Northern Research (BNR) for a research project aimed at applying computer technology to improve the flow of information in today's electronic office.

New office procedures developed from the research could free office workers from "routine and repetitious chores", says BNR.

The research will be done by Professors Fred Lochovsky, Dennis Tschritzis and Alberto Mendelzon.

BNR, owned by Northern Telecom and Bell Canada, designs and develops advanced telecommunications and integrated office systems. It has labs in Ontario, Quebec and Alberta and throughout the US.

Adjunct professorship in construction

The Faculty of Applied Science & Engineering has established an adjunct professorship in construction with a \$100,000 gift received from Harold James (Jock) Dawe (Civil Engineering 5T0), now-retired president of PCL Construction Group Inc.

Professor Michael Uzumeri, chairman of the Department of Civil Engineering, says the donation will make it possible to attract a leader in the field of construction management as adjunct professor as well as fund a series of lectures.

The selected adjunct professor will retain his position in industry while teaching part-time and coordinating an annual PCL lecture series in construction that will present a cohesive package including case studies. The speakers, from industry, universities and government, in Canada or abroad, will be prominent in their own area of construction.

The PCL Construction Group of companies (originally Poole Construction Ltd.) celebrates its 80th anniversary this year.

University Professor Emeritus Howard Rapson receives Killam prize for lifetime achievement

University Professor Emeritus Howard Rapson of the Department of Chemical Engineering has won a 1986 Izaak Walton Killam Memorial prize.

Maureen Forrester, chairman of the Canada Council, presented Rapson and the other Killam winners with their prizes at a Feb. 27 ceremony at L'Hotel in Toronto.

Three \$50,000 Killam prizes are awarded annually by the Canada Council to recognize lifetime achievement in the natural sciences, health sciences and engineering.

At the presentation, Forrester cited Rapson's outstanding contribution to research and development in the pulp and paper industry.

"Howard Rapson has been a leader for over 40 years in the international pulp and paper research community. His major contributions to the bleached kraft pulp industry have resulted in 45 patents in 45 countries and have benefitted the industry throughout the world," she said.

Accepting the award, Rapson expressed his gratitude to the Killam Foundation, thanked his colleagues in the University's Department of Chemical Engineering and recalled the circumstances surrounding the establishment of his research career.

"I would not be here today if I had been able to get a job when I graduated in chemical engineering in 1934," he said. "At that time I thought the petroleum industry was the only place for chemical engineers and applied to every petroleum company in Canada, without success.

"However, my director in the fourth year liked my work, so he got me \$300 for five months in the summer of 1934,

a half-time demonstratorship in the fall and in January a full-time one. So I was able to remain at the University and continue research. I've been doing research ever since."

Rapson received his PhD in 1941 and soon after became head of pioneering research with the Canadian International Paper Company. In 1953 he returned to the University as a professor of chemical engineering.

The first of Rapson's many contributions to the industry occurred in 1942, when he discovered the uses of chlorine dioxide in the pulp bleaching process.

His further research resulted in the development of on-site chlorine dioxide production facilities, now in use at most pulp and paper mills.

Rapson went on to develop the closed cycle pulp mill, which has helped reduce pollution from mill effluent.

His contributions to pulp and paper technology have been accompanied by much fundamental research. His work with graduate students has resulted in the publication of more than 100 refereed papers on chemical formation and other topics.

A dedicated teacher, Rapson has supervised many graduate students, including more than 12 PhDs, at least three of whom are now professors of chemical engineering at other universities. Now 74, he continues to supervise the work of two students and conduct research.

In 1976 Rapson was named University Professor. He includes among his many other awards two honorary doctorates, one from the University of Waterloo in 1976, the other from

McGill University in 1980.

The two other recipients of this year's Killam prizes are Professor Jacques Genest, health sciences, University of Montreal and McGill, and Professor Karel Wiesner, natural sciences, University of New Brunswick. Genest was honoured for biomedical research and his role in the development of clinical medicine, Wiesner for discoveries in physical and organic chemistry.

During her presentation Forrester commended all three recipients of the 1986 awards. "I think the prize speaks eloquently to the fact that Canada has come of age both in the arts and in the sciences and is prepared to be at the leading edge of innovation in virtually any area of academic or artistic endeavour," she said.

U of T and York University co-hosted a reception at L'Hotel the day of the ceremony to honour the Killam winners.



UTSA invited to explain rationale for memorandum

At the request of President George Connell, Alec Pathy, vice-president (business affairs), has written to University of Toronto Staff Association (UTSA) president David Askew inviting UTSA representatives to meet with him to explain their reasons for wanting a memorandum of agreement.

"It would not be a negotiating session, nor a debate on the merits of a memorandum," said Pathy. "I just want to be able to report back to the president on why they want it."

UTSA's proposal for a memorandum was referred by Governing Council to the administration. Chairman St. Clair Balfour told Council Feb. 20 that he had asked Connell for his advice and assumed that it would be provided expeditiously.

Askew has written to Balfour to stress that he believes the matter should be dealt with by Council. UTSA has asked that negotiations begin immediately.

Askew told the *Bulletin* if the invitation is merely to explain to the administration the rationale for a memorandum of agreement, he will pass it up. "We won't want to meet to discuss that. It's absolutely clear what we want and why we want it. There's already a model for it: it's not a new concept.

"What we want to know is whether Council is prepared to enter into negotiations."

At the general meeting Feb. 13, UTSA members agreed that if a memorandum has not been negotiated by June 17 another general meeting will be called so that a further course of action can be worked out. Askew said last week, however, that at the annual meeting April 30 he expects to be able to report on what has happened to the proposal.

Search committees must include and recruit women: Foley

The University of Toronto will henceforth be requiring that academic search committees make a special effort to recruit and consider female candidates.

Joan Foley, vice-president and provost, has told principals, deans, directors and chairs that both sexes must be adequately represented on search committees.

In addition to the normal documentation accompanying a recommendation for an appointment, search committees are to provide the provost's office with a description of any special efforts made to draw the position to the attention of applicants whose sex may be under-represented in the area in which the vacancy exists.

As well, the provost's office will now require a statistical summary of males and females who applied and of those who were interviewed. The *curriculum vitae* of the most qualified individual of the opposite sex from the candidate selected is also to be sent to the provost's office.

Last month Robin Armstrong, dean of arts and science, announced he would approve the recommendation of a search committee only if the short list of those interviewed included at least one woman or if an explanation was provided as to why this had not happened. The explanation is to include the *curriculum vitae* of the highest-ranked female applicants.

Armstrong is urging chairs to include women on their search committees, even if they have to be brought in from cognate disciplines because they

are not represented in the department concerned.

Principal Ron Williams of Scarborough College announced in December that he would not approve recommendations for appointment unless there had been at least one woman on the search committee. If there is no woman available within the discipline, a woman should be added to the search committee from a cognate discipline or another campus, said Williams. At Scarborough, a satisfactory recommendation for appointment must now include either the short list of candidates interviewed, with at least one woman on it, or an explanation as to why this was not the case. The explanation is also to include the *curriculum vitae* of the highest-ranked female applicant.

The University of Western Ontario, which its provost, Clark Leith, says hires more women than other universities in Canada, keeps records of the number of applications, interview offers and appointments made to members of each sex. From July 1984 to July 1985 Western made 118 appointments (excluding the Faculty of Graduate Studies and the Faculty of Medicine) of which 68 went to men and 50 to women.

Lois Reimer, U of T's status of women officer, said such data is not kept at U of T, but she hopes it will be. Since July 1985 a record has been kept of appointments by gender, she said. About a third of these appointments have gone to women.

First annual U of T day to be held in October

"If the University is to continue to be successful it must be well known and highly regarded."

That's President George Connell's view of the importance of the first annual University of Toronto Day. Set for Oct. 18, the day, announced at the February meeting of principals, deans, directors and chairs, is designed to give all faculties and departments an opportunity to publicize the scope of their achievements and their value to society.

"So much of what we do is of great importance and high quality, so it's in our interest to let the public know more about it," Connell said.

Preparations need not entail a great deal of additional work, he said, but rather an agreement to concentrate public relations activities on Oct. 18.

Planning will be carried out by Vice-President (Institutional Relations) David Cameron, Director of Alumni Affairs Bert Pinnington and a campus-wide committee.

Pinnington said U of T Day will ab-

sorb many of the alumni activities associated with Fall Homecoming. He said Homecoming no longer generates a high enough level of public understanding and support for the University and has been in need of revision for some time.

The Oct. 18 event will feature academic, cultural, scientific and other activities for the general public. It will help set the scene for the fall fundraising campaign, provide an opportunity for student recruitment and give additional impetus to alumni participation in campus activities.

All colleges, faculties, schools and other facilities have been invited to use the occasion to celebrate the international contributions and world-wide activities of the University.

Pinnington called the day an "investment in the well-being of the institution" and said he hopes University divisions and facilities continue to contribute to the growing list of planned events.

RESEARCH NEWS

Canadian Cystic Fibrosis Foundation

A special research development program has been developed to encourage and expand collaborative and integrated projects of an interdisciplinary nature on cystic fibrosis genetics/gene expression. A preliminary proposal or letter of intent is to be submitted to the foundation by March 31, with funding expected to begin in 1987.

Investigators are requested to contact DRA for specific details on this new program and format of the preliminary proposal.

J.H. Cummings Foundation, Inc.
The foundation offers funding (up to \$25,000) usually for equipment, for research in the areas of medical science, medical research and medical education, with specific emphasis on underprivileged children, the aged and infirm persons in the cities of Buffalo, NY, Toronto and Hendersonville, NC. Investigators holding academic appointments at U of T who are doing research in medicine or in medically-related areas are eligible to apply.

One application only is submitted by the University for each competition (four per year), therefore, an internal ranking is held for each submission. Applicants from the Faculty of Medicine are requested to contact the research office of the faculty (Rosalind Bugala), 978-6013, for their internal deadline dates. Applicants from other faculties are to submit applications to ORA on the following dates: April 15, July 15 and October 15. Please note: These are revised deadlines for the 1986 competition year.

An application, in the form of a two-page letter addressed to Mr. R.J. Lyle, Executive Director and Secretary, James H. Cummings Foundation, Inc., should include the following:

- Specific purpose of the application, what the research is expected to accomplish and the relevance of the research to the specific interests of the agency.
- Budget request and justification.
- The total cost of the project, what funds have been awarded and what additional sources of funds are to be sought.
- Time period for which the application is requested.

Faculty of Medicine applicants are required to submit additional specific documentation for internal review; contact Rosalind Bugala for more detailed information.

One original and seven copies of each application should be submitted to ORA. An ORA 5 and relevant DRA forms for humans, animals or biohazards approval should also be submitted. Faculty of Medicine applicants should submit the original and 11 copies and appropriate DRA forms to the faculty office.

Distilled Spirits Council of the United States
Due to continued financial constraints, research grants for projects in the alcohol studies field have again been suspended. No applications will be accepted for the 1986 competitions.

Health & Welfare Canada
A change to the policy on carry forward of unspent funds has been announced. Investigators with ongoing awards should write to their project officer, giving a detailed explanation of unspent funds for the current year (April 1, 1985).

March 31, 1986 and justification for retaining the funds for use in the next fiscal year (April 1, 1986 - March 31, 1987). Requests must be submitted before May 31 to ensure consideration. No carry forwards will be approved for 1986-87 without prior written approval from Health & Welfare. Investigators with grants which terminate in the 1985-86 fiscal year should contact their project officer immediately.

Investigators are reminded that progress reports for ongoing awards are to be submitted as soon as possible after March 31 and before May 31. If March 31, 1986 is the termination of the total granting period, five copies of a final report will be required.

National Institutes of Health (US)

NIH has announced a clarification of new application receipt dates effective 1986. Deadlines for sup-

plemental applications for program project and center grants will be June 1 and October 1.

Ontario Mental Health Foundation

The foundation has revised its policy with regard to ethics clearance on research applications involving human subjects. For all future applications, certification of ethics approval must accompany the submission. Investigators should bear this in mind if new protocols are to be submitted to the University's Human Subjects Review Committee for review.

Dartmouth Ministry of Colleges & Universities
The ministry invites the submission of research proposals on: "A Review of Teacher Education Policies and Programs in Ontario". Deadline for receipt of the proposal is April 7 at the ministry. ORA has further information on the specific scope of the proposal.

University Animal Care Committee

A copy of the program for "In Vitro Toxicology: Approaches to Validation" to be held at Johns Hopkins Center for Alternatives to Animal Testing, Baltimore, April 14-15, is available from the University Animal Care Committee secretary at 978-2163.

Upcoming Deadline Dates

Atkinson Charitable Foundation - investigators in the Faculty of Medicine, internal deadline at the research office of the faculty March 17; investigators in other faculties, deadline at ORA April 20.

CNIB - Ross C. Purse fellowship: April 1.
Cummings Foundation - investigators in the Faculty of Medicine, contact Rosalind Bugala in the research office of the faculty

for internal deadline; investigators in other faculties, deadline at DRA April 15.

(Supersedes previous information.)

Damon Runyon-Walter Winchell Cancer Fund - fellowships: March 15.

Easter Seal Research Institute - research projects and research training grants: April 15.

Environment Canada, Canadian Wildlife Service - university research support fund: March 19.

Leukemia Society of America - president's research development awards, short-term scientific awards: April 1.

Louis & Arthur Lucian Award (McGill University) - nominations: March 15.

Medical Research Council - studentships (renewal), development grants (cat. 1 renewal of salary), MRC groups preliminary proposals (new) and letters of intent (renewals), NIH international research fellowships: April 1.

NCIC, Terry Fox Research Programs - project grants, equipment program for new investigators, expansion awards: April 15.

National Institute for Mental Retardation - research grants: April 30.

National Neurofibromatosis Foundation (US) - research grants: April 1.

National Retinitis Pigmentosa Foundation - research grants: March 15.

Natural Sciences & Engineering Research Council - international scientific exchange awards, international collaborative research grants, CIDA-NSERC associateships: March 15.

Ontario Ministry of Health - research projects: April 1.

Parkinson Foundation of Canada - research grants: April 11.

Queen Elizabeth Hospital Research Institute - research grants: April 1.

Positions Elsewhere

Notice of the following vacancies outside the University has been received by the Office of the President.

University of British Columbia

Vice-President, Student & Academic Services

Responsible for the library, computing and student services. Deadline for applications and nomination: April 30, 1986.

Contact: President David W. Strangway, The University of British Columbia, 6328 Memorial Road, Vancouver, B.C., V6T 2B3

Memorial University of Newfoundland

Dean of Science

Position begins Sept. 1, 1986 (five-year term). Deadline for applications: April 15, 1986.

Contact: Dr. David Kirby, chairman, Dean of Science Search Committee, Memorial University of Newfoundland, St. John's, Newfoundland, A1C 5S7

Washington State University

Vice-Provost for Extended University Services

Effective July 1, 1986. Deadline for nominations and application: March 31, 1986.

Contact: Thelma Cleveland, chair, Search Committee for Vice-Provost for Extended University Services, Washington State University, W. 29187 Fort George Wright Drive, Spokane, WA 99204, Telephone: (509) 458-6107

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Keywest Conch and Abalone Chauder	4.25
Lobster Bisque with Cornucopia	2.75

SOUPS

Keywest Conch and Abalone Chauder	4.25
Lobster Bisque with Cornucopia	2.75

SALAD

Winter Lettuce (radishes and butter lettuce with onion, wine and wild mushrooms, served with a creamy honey dill dressing)	2.50
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PASTA AND SEAFOOD

Lobster Ravioli with Essence of Vanilla in Lobster Sauce	Half Order 3.75 Full Order 7.95
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Angel Hair with Shrimp and Scallop Creole	Half Order 4.25 Full Order 8.75

ENTREES

Cordon of Sole Cafe de Paris (strips of fresh sole fillet, fried golden brown, topped with butter Cafe de Paris, accompanied with angel hair)	\$9.95
Medallions of Veal with Small Potatoes (meat veal sautéed in butter with shallots, flamed with Brandy and Pernod, sautéed in white wine and fresh cream with meat and wild mushrooms, accompanied with fettuccine)	14.95
Braised Arctic Char Yakitori (char-broiled Arctic Char steak marinated with fresh ginger and scallion in a teriyaki sauce)	10.95
Tiger Shrimp "Rebouda" (butterfly tiger shrimp in egg mixture, pan-fried in butter with Bermuda onion, garlic, olive, aches, dried tomato and pine nuts, accompanied with angel hair)	13.50
Bay Scallop and Jumbo Shrimp with Spiced Sausage (sauteed in butter with shallots, white wine and fresh cream, served in a spinach ring, accompanied with fettuccine)	11.75
Monk Fish with Mustard and Peppercorn (pan-fried in butter with shallots, onion, green and pink peppercorn, accompanied with angel hair)	10.50
Fillet of Turbot with Oysters in Champagne (poached with shallots, champagne, white wine and fresh cream, topped with julienne of vegetables, accompanied with fettuccine)	11.50
Braised Sirloin Steak with Herb Butter (10 oz. sirloin steak, grilled to order)	12.75

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PhD Orals

Please contact the PhD oral examination office at 978-5258 for information regarding time and location for these listings.

Thursday, March 13

Rosaria Mary Morra, Department of Physics, "Application of Neutron Scattering and Group-Theoretical Techniques to the Study of Calcium Nickel Trichloride, Potassium Hexabromide Platinide and Praseodymium Trichloride." Prof. R.L. Armstrong.

Friday, March 14

Hugh James Clarke, Department of Zoology, "Cytosplasmic Activities Inducing the Transition of Chromosomes to Metaphase and Interphase in Mouse Oocytes during Meiotic Maturation." Prof. Y. Masui.

Tuesday, March 18

William Lamm, Department of Chemistry, "Luminescence from Matrix-Isolated Transition Metal Clusters." Prof. M. Moskovits.

Wednesday, March 19

Colin Pearce, Department of Political Science, "The Political Principles of Egerton Ryerson." Prof. R. Manzer.

Michael Thomas Stechison, Department of Anatomy, "Organization of Neck Afferent Connections in the Spinal Cord and Brain Stem of the Cat." Prof. J.A. Saint-Cyr.

Friday, March 21

B. Gail Orpen, Department of Psychology, "Sensory and Hormonal Influences on Maternal Reponsiveness in the Laboratory Rat." Prof. A. Fleming.

Elizabeth Quackenbush, Department of Immunology, "Characterization of Leukemia-Associated Cell Surface Proteins." Prof. M. Letarte.

Neil Quigley, Department of Geography, "The Loans and Investments of Canadian Banks 1900-1935." Prof. D. Kerr and J. Simmons.

Patricia Del Carmen Torric-Trumper, Department of Education, "The Care of Unwed Mothers and Illegitimate Children in Toronto, 1867-1920: A Study of Social Administration." Prof. R. Pierson.

Monday, March 24

Ann Helen Bergman, Department of Social Work, "Determinants of the Use of Nonmedical Prenatal Services for Adolescents." Prof. C. Lambert.

Joel Steven Shore, Department of Botany, "The Genetics and Evolution of Breeding Systems in the *Turnera ulmifolia* L. complex (Turneraceae)." Prof. C.H. Barrett.

David Baugh, Department of Political Science, "From Community to Growth: The Limits to Growth." Prof. C. Bay.

Thursday, March 27
Venkat Ramesh Koka, Department of Chemical Engineering & Applied Chemistry, "A Study of Coal Breakage in the Sago Mill." Prof. D. Trass.

Bruce Thomas Mawson, Department of Botany, "Photosynthetic Thermal Acclimation of Mesophyll and Guard Cell Function in the Arctic Plant *Saxifraga cernua*." Prof. W.R. Cummins.

University presidents meet the press to get support for funding

Ontario universities now have a "tremendous opportunity" to ensure the renewal of the humanities as well as the sciences, President George Connell told a Feb. 24 news conference.

Connell said outstanding scholars, increased student demand for the traditional disciplines and active interest in arts graduates among employers have created this opportunity.

The news conference, organized by the Council of Ontario Universities (COU), was the first event in a province-wide tour designed to create public appreciation of the need for increased government grants to the universities.

Connell was one of six university presidents, including COU chairman Alan Earp of Brock University, to explain the reasons for the tour to reporters in the Robarts Library meeting room. Brian Segal of Ryerson, Alvin Lee of McMaster, Harry Arthurs of York, David Glassco of Trent and George Pedersen of Western were the other participants.

Earp said Ontario's new Liberal government admits the universities are underfunded and said he hopes the government will provide the additional funds needed to bring Ontario's per student spending at least to the national average.

"Over the next 10 days we're going all out to test the proposition that the universities of this province deserve funding at rates comparable to those which obtain elsewhere in Canada," Earp said.

Pedersen and Segal said more money must be spent on education and

the development of new technology if Canada is to compete with the US and other countries for international markets in the years ahead.

"We as a society have to grapple with the issue and grapple with it quickly," Segal said.

Arthurs said the universities must continue to help individual students become contributing members of society. Lee and Glassco provided statistical evidence of university underfunding.

Since the news conference two or three university presidents, accompanied by one or two academic colleagues, have visited 12 Ontario cities to meet local reporters, editorial boards and community and university groups.

Faculty, staff donate over half a million

A total of 1,262 faculty and administrative staff made donations to U of T in 1985, says the Department of Private Funding. Cash donations amounted to \$552,000, with gift-in-kind donations, mostly to Robarts Library, valued at an additional \$425,000. Two hundred faculty and staff made cash donations at the Presidents' Committee level — \$1,000 or more a year — for a total of \$364,000.

President George Connell, who stated in a letter to University members in November that he believed internal community support was crucial to making the University's case for external support, says the level of participation "is, of course, wonderful news. We are just beginning the feasibility study for our major capital campaign and this will be of great assistance."

Lee MacLaren, director of private funding, says the response to the faculty/staff appeal, as reported in previous years, was known to describe only a portion of all faculty and staff giving. With the new alumni-private funding information system, "a more integrated picture of faculty and staff giving is now possible". The results of the faculty/staff appeal for the past two years have been in the \$200,000 range, with 600 donors. Private funding has estimated all faculty and administrative staff giving at nearly half a million dollars. "It's good to have data to document this," says MacLaren.

Private funding says most of the gifts from faculty and staff support projects in their respective faculties, colleges and departments.

UC deans appointed

Isobel Heathcote has been appointed dean of women at University College and Mark Zier dean of men, both for an initial three-year term beginning July 1, 1986.

Heathcote is acting director of the environmental studies program. A graduate of UC, she has a BSc from U of T and a PhD from Yale. She will be director of residences at UC.

Zier has a PhD from the Centre for Medieval Studies and has taught part-time at U of T, York and McMaster. He will also serve as director of student affairs at UC.

Woodbury scholarship fund

A scholarship fund has been established in memory of Leonard Woodbury, a professor of classics for 40 years at University College, who died Nov. 8. The fund would provide a fellowship for a student pursuing a graduate program in classics at U of T, with the recipient to be invited to be a member of University College. Contributions, made payable to the University of Toronto — Woodbury Fund, should be sent to the principal of the college or the chairman of the Department of Classics.



Alumni organize tours of England, Italy

The U of T Alumni Association is organizing summer walking tours of England and the vineyards of Italy. The tours available are of London and Canterbury to the South Downs (Aug. 22-Sept. 2) and of Florence and the vineyards and abbeys of Chianti (Sept. 3-14). U of T faculty and staff are invited to join alumni on the excursions. The routes have been divided into leisurely four-hour stages, with time to enjoy the scenery, visit manor houses or sample the local wines. The cost of each tour is \$3,075 for airfare, accommodation with breakfast, luggage transport and other services. Application forms are available at Alumni House, 47 Willcocks St. A reception for participants will be held at 8 p.m. in Croft Chapter House, March 20. For more information call Ed Thompson, 978-8991.



Kotler renovation included new U of T Bookroom.

Kotler renovation wins award

The University of Toronto Governing Council is one of five recipients of the annual Toronto Historical Board Award of Merit for the restoration of 214 College St. Governing Council vice-chairman Joan Randall accepted the award at Civic Honours Day ceremonies at City Hall March 6. The award cited "the exterior and interior restoration of a city landmark, and the imaginative conversion of the building into the Kotler Student Services Centre". Built in 1907 with Carnegie Foundation funds as the Central Toronto Reference and Lending Library, it later became the Metro Reference Library. U of T bought the Beaux Arts style building in 1980 with a \$1 million gift from Murray Kotler. An additional \$7.7 million for renovations, carried out by architects Howard Chapman (the original architect's son) and Howard Walker, came from the Ministry of Colleges & Universities, U of T Press and Update funds.



Workers doff their hardhats after a gold-plated bolt completes the superstructure of the 56-storey Toronto-Dominion Tower in 1966. (Globe & Mail photo from *Toronto Since 1918, An Illustrated History*, by Professor James Lemon)

City of Toronto honours U of T authors

Robertson Davies, master emeritus of Massey College, is co-winner with Morley Callaghan of the \$5,000 prize in the 1986 City of Toronto Book Awards. The awards were presented by Mayor Art Eggleton at a reception at the Bradgate Arms Hotel Feb. 27. Among the six finalists was U of T geography professor James Lemon.

The Book Awards is an annual event established by City Council in 1973 to honour authors of books of literary excellence that are evocative of Toronto.

Davies' book, *What's Bred in the Bone* (Macmillan of Canada), parts of which are set in Toronto, is a novel about Francis Cornish, an internationally-known art expert and collector whose life remains a mystery even to his best friend. Born in 1913, Davies was educated in Canada and Britain. He has been an actor and newspaper publisher as well as professor and first master of Massey

College, from which he retired in 1981. His novels, especially the Deptford Trilogy: *Fifth Business*, *The Manticore*, and *World of Wonders*, and *The Rebel Angels*, have won him international acclaim.

Callaghan won the award for *Our Lady of the Snows* (Macmillan of Canada), a love story set in contemporary Toronto concerning a beautiful and intelligent prostitute and the men who involve themselves in her redemption.

James Lemon, who teaches a course on historical Toronto, was chosen a finalist for his book, *Toronto Since 1918: An Illustrated History* (James Lorimer & Co./National Museum of Man), the story of Toronto since the end of World War I. Lemon's main thesis is that "Torontonians have sought to create and maintain a stable, orderly environment and to achieve a greater degree of social equality than has been pursued in the U.S."



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a big iron pot which is kept hot at your table. The ingredients are: boiled shrimps, lobster tail, crab legs, scallops, white fish and fish cake, green vegetables, and bonito stock. Soup, appetizer and dessert are included. Vegetarians will like the *shyo-jinryori* complete dinner—a fascinating melange of crisp oriental vegetables. There is accommodation for parties of four or more. Licensed. Am'x, Ch'x. 459 Church Street, 924-1303. Noon-2:30 5 p.m. to 11 p.m. Mon-Fri. Sat. 5 p.m. to 11 p.m. Closed Sunday. ****

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Critics take aim at quality of universities

by George Cook

Canadian universities are in crisis and must undertake major reforms if they are once again to become centres of excellence, two faculty members told a Feb. 26 meeting organized by the U of T Faculty Association.

Professors Robert Bothwell of the Department of History and Arthur Kruger, principal of Woodsworth College and former dean of the Faculty of Arts & Science, made their comments before 15 faculty members and graduate students gathered at Hart House to discuss excellence and quality in Canadian universities.

Bothwell, one of three authors of *The Great Brain Robbery*, a prescriptive polemic on Canadian universities published in 1984, led off with his analysis of the decline of higher education.

"In the book we argue that universities today are starving as a result of a niggardly policy on the part of provincial governments but that this is to some extent inevitable because the university system is in many ways over-extended, irrationally organized and antagonistically divided," Bothwell said.

He went on to outline the measures he and his co-authors believe must be taken if the universities are to return to health. He said they advocate harsher methods of faculty evaluation, revision of university government, and a more fruitful curriculum.

However, Bothwell said that many of the arguments for the abolition of tenure put forward in *The Great Brain Robbery* have been refuted and this has left "a big void in the middle of the book".

"I'm not quite sure what we would suggest in its place," he said.

Kruger and most other participants agreed that tenure does more than provide a degree of academic freedom; it helps protect disciplines threatened by temporary declines in course enrolment.

Pressure to dismiss faculty in exotic disciplines would mount were the professors not tenured, Kruger said.

"There should be at least one university in this country for those few crazy people who want to study Aramaic or



Arthur Kruger

mediaeval Japanese literature," he said.

Both Bothwell and Kruger questioned the value of U of T's current governing structure; the latter's criticism was especially intense.

Kruger, who sat on Governing Council for two years during John Evans' presidency, called unicameralism a "curse".

"We are the only institution I know of — other than Mussolini's fascist experiment — that has tried to revive the French Estates General. We even use the term Estates," he said.

He called Governing Council a "large-scale debating society" whose members "ride hobby horses." It cannot attract "captains of industry," he said.

Moreover, there is no one on the Council with immediate access to the Ontario premier and as a result U of T has not been able to take maximum advantage of the flexibility inherent in the funding formula, he said.

"You can wiggle that formula around, but there's no one here who can bring the political pressure to bear."

He said the decline of the University was caused in part by abolition of the Senate and the resulting diminution of

the faculty's responsibility and power. With its substantial non-academic membership, the Academic Affairs Committee has not been a bulwark against deterioration, he said.

Both Bothwell and Kruger also took aim at the undergraduate curriculum in the humanities.

U of T's revised curriculum is better than the *laissez-faire* program of the late 1960s and early 70s, Bothwell said, but is not yet adequate.

"We believe it (the old honours program) was more systematic, more thorough, more directed to the needs of the student, more conscious of the student's individuality," he said. "In my view we should continue the reform of the disastrous system we adopted at the end of the 1960s."

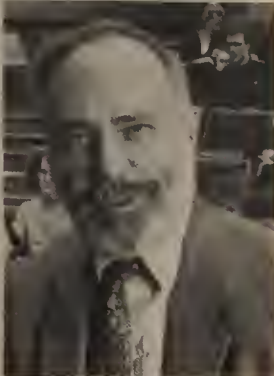
Kruger reminded the group that the price paid for a first-rate honours program in the 1950s was an unsatisfactory general program, but agreed that steps should be taken to strengthen the current undergraduate curriculum.

He said, however, that many of the problems of undergraduate education — enormous lecture sections, the increased use of teaching assistants, the lack of personal contact between faculty and students — result from underfunding. Others stem from a poor high school curriculum.

The abolition of departmental exams

for high school students seeking entry to university led to a decline in the quality of secondary school education in the humanities, Kruger said.

He said the secondary school system is the world's "largest unlicensed branch of Disneyland." The grade 13 curriculum still contains too many "Mickey Mouse" courses, he added.



Robert Bothwell

U of T policy takes account of new high school credits

U of T has developed a policy on admission requirements under the new system of credits in Ontario high schools that does away with grade 13.

Six Ontario Academic Courses (OACs) will now be required instead of six grade 13 courses. But both OAC and grade 13 credits will be accepted in the transition period as the Ontario Secondary School Honour Graduation Diploma gives way to the Ontario Secondary School Diploma, which will be available for the first time this June. The old diploma will be phased out by 1990.

U of T is assuring high school students that the length of time it takes them to obtain the diploma will

not be considered in the selection process. As before, the University does not guarantee to admit all qualified candidates. Selection is based on marks, distribution of subjects taken, performance in subjects relevant to the academic program chosen, results in senior division prerequisite courses and supplementary information.

The Faculty of Arts & Science has set up a committee to examine the curriculum of new OACs, OACs that are replacing grade 13 subjects that have limitations on their acceptability to the faculty, and OACs replacing grade 13 subjects that are not accepted by the faculty for admission.

New women's centre sponsors forum

The new U of T Women's Centre, housed in temporary quarters at 49 St. George St., is sponsoring a forum on the future of women at U of T, to be held today at noon at the International Student Centre. The forum, co-sponsored by the Ad Hoc Committee on the Status of Women at U of T, ends a week of events organized by the centre to celebrate International Women's Day.

The centre opened in January and has begun to recruit participants and establish committees to deal with women's issues and organize events.

Helen Fallding, one of the organizers of the Guelph University Women's Centre, has been hired to coordinate the U of T centre's activities.

Centre organizer Paula Rochman

said any woman associated with U of T is welcome to join the collective. She said she hopes faculty, staff, students and alumni will become involved.

The Women's Centre has received financial support from faculty, staff and students and is considering further fundraising activities.

Any member of the University community, male or female, can participate in Women's Centre committees, but voting membership in the collective is open to women only.

The centre is open weekdays 10 a.m. to 5 p.m., and to 9 p.m. Wednesdays. Meetings of the collective take place at 5 p.m. Wednesdays.

For more information call the centre at 978-8201.



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Balans chair: eliminates slouching, comforts back

New chair design eases backache

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Howard Cohen, a physiotherapy graduate from McGill University and President of Bal-Can Seating Systems says: "Most modern furniture is

constructed in such a way that no one can use it properly. Each day people sit for hours in postures extremely harmful to the back."

"The Norwegian designers in consultation with doctors and physical therapists have come up with a marvelous design — successful in eliminating a lot of the slouching that takes place in the lumbar spine."

Thousands find relief

Mr. Cohen claims that thousands of Canadians ranging from students to corporate executives are now using the Balans chair and they love it.

A botanist at the University of Toronto says it forces her to sit in a relaxed position "and I can't slouch up my feet or slump forward. I can work comfortably for long periods of time."

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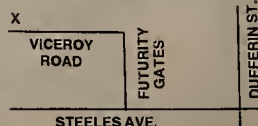


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Committee Highlights

The Academic Affairs Committee — Feb. 18, 1986

- recommended that the employment equity policy be approved for teaching staff and librarians. The policy had been approved by the Business Affairs Committee for administrative staff. The provost noted that the policy was being revised to also prohibit discrimination on the basis of sexual orientation. A member noted that the policy spoke of prohibiting all types of discrimination and then described mechanisms to enhance and diversify the participation of women in the University's work force. He asked whether mechanisms were in place for dealing with other types of discrimination. The provost said at present there were none, but the intention of the policy was not to rule out their development. The policy was intended to enunciate general principles with respect to employment and discrimination and, further, to deal with the particular problem of discrimination against women. In response to a member's comment that the policy could be read as establishing an affirmative action program, the provost pointed out that the principal objective of the policy was to ensure full and fair consideration of all individuals with respect to employment. The policy would be an affirmative action policy only if the University had an equitable environment at present. The implication of the policy was that a more heterogeneous distribution of staff would be achieved through application of the policy.

- recommended that the Pre-University Program offered through Woodsworth College be named the Millie Rotman Shime Pre-University Program. A senior alumnus has offered to donate \$150,000 to the college, in return for which the college had proposed to name the program in memory of his late daughter. The chair noted that this was an unusual request and not one covered by University policy. The college vice-principal and registrar told the committee that the money was to be given to the college with no restrictions as to its use. Some members thought it wiser to consider first the principle of naming programs after individuals before approving a particular case. The only precedent for naming a program after an individual was the McLuhan Program in Culture & Technology. The provost said she hoped that approval of this particular proposal could proceed in the absence of a policy but she would be willing to consider the need for a policy and would be prepared to report back on the matter in September. Other members argued that the college should not be penalized because of the absence of a policy and this generous offer should be accepted without making difficulties for the donor or causing undue delay.

- In response to an earlier request from the chair, the provost provided the following information on the role that teaching, research and administrative performance had played in determining the distribution of last year's special merit awards:

- 63 percent were given principally or solely in recognition of scholarly accomplishment or creative professional activity
- 14 percent were given

principally or solely for excellence in teaching

- 10 percent were given to individuals who combined excellence in teaching with scholarly achievement in equal measure

- 13 percent were given principally or solely for administrative service; this included individuals who had developed divisional computer facilities or restructured curriculum, as well as individuals holding particular administrative posts

- At the request of the chair, the president of St. Michael's College spoke about recent reports in the student press concerning the college and its relationship to U of T. He informed the committee that following meetings with many members of the three divisions of the college when he became president, he formed an *ad hoc* committee to review future academic development and to consider ways of making better use of the joint resources. The report, submitted to the Senate of the University of St. Michael's College, with a request for responses, was an impression of the priorities, thoughts and criticisms in the minds of members of the college. Its purpose was to stimulate discussion within the college. The thought of discontinuing association with the University had never been considered. With respect to the college's relationship to the Roman Catholic community, he agreed that there was a widely-shared belief in the college that it had a special obligation to the Catholic tradition. However, this obligation was expressed in the report in the context of existing obligations to other communities.

- received for information and discussed the proposal for purchase of a supercomputer. Several deans, at the request of the chair, commented on the proposal. The dean of arts and science said that as a scientist he was enthusiastic but as a dean of a faculty suffering from a series of drastic financial cutbacks, he felt compelled to ensure that a supercomputer would not be acquired at the expense of the University's operating budget. He said there was a very real sense of despair in the humanities departments. A supercomputer would do little for humanities departments, already in pre-eminent positions, in danger of losing ground because of financial constraints. The humanities had forged the scholastic reputation of the University and deserved support. He read portions of a letter of resignation from a senior member of a humanities department who was leaving the University for a privately-funded US institution. The dean concluded

that he would support the proposal if the faculty would be self-supporting and would support the use of money from the Excellence Fund.

The associate dean

(research) of the Faculty of Medicine said the faculty supported the initiative subject to the same budgetary cautions expressed by the dean of arts and science. Without a supercomputer, medicine would fail to attract top students and staff and would begin to lose key researchers to institutions where a facility was available.

The dean of the School of Graduate Studies said the proposal was generally supported within SGS, but that it would be ironic if such a facility, intended in part to attract highly qualified graduate students, resulted in budget cuts that would limit further the fellowship and bursary funds designed to support graduate students.

Professor Peter Wright, speaking for the dean of engineering, said that while there was a need for the supercomputer, he would not support moving ahead with the proposal at this time. He thought there were too many risks with respect to income and questioned whether the facility could be self-supporting. He did not agree that the Excellence Fund should be used for the facility. Too many other programs, already established, needed the money.

The dean of dentistry said he supported the comments of the dean of arts and science. He added that not only would a supercomputer attract talented newcomers to the University, it would permit those here to think on an entirely different scale.

The chairman of the supercomputer review committee said the committee had concluded that if the income required could not be generated then the proposal should not go ahead. However, commercial revenues at several facilities in the US were substantial and the committee saw no reason why the same situation could not occur here. With respect to the choice of machine, they had accepted the advice of computer experts and were satisfied that the CRAY was a good machine. If the proposal were to be turned back, the University would have to find some other way of obtaining supercomputing capability if it were to maintain its scholarly reputation and stature.

The chair reported on a recent meeting with the minister of state for finance and representatives of the University community to discuss concerns about research funding. They believed they had received a sympathetic hearing.

and graduate departments, from Jan. 1, 1986 to June 30, 1990

Program in Gerontology Professor Blossom T. Wigdor, director, from July 1, 1986 to June 30, 1987 (reappointment)

Department of Paediatrics Professor Robert H.A. Haslam, professor with tenure, from July 1, 1986 and chair, from July 1, 1986 to June 30, 1991

Faculty of Pharmacy Professor D.R. Kennedy, professor, from July 1, 1986

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Department of Linguistics Professor John K. Chambers, chair of the undergraduate and graduate departments from July 1, 1986 to June 30, 1990

Department of Psychology Professor Fergus I.M. Craik, chair of the undergraduate

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University College mounts peace studies program

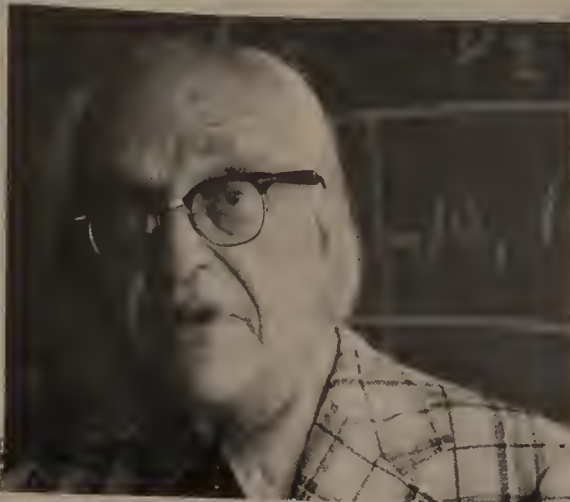
by Arthur Kaptainis

Undergraduates in search of a timely and socially relevant course of study will have a compelling new option in September: a specialist program in peace and conflict studies, to be offered by University College.

It will be only the second peace studies program in Canada, and the first conferring specialist rather than minor standing in the subject. Yet the discipline is already entrenched at several US universities, including Cornell, Colgate, Missouri and Catholic University in Washington, DC, all of which offer extensive undergraduate programs specifically in peace studies. The University of California awards pre-doctoral fellowships through its Institute of Global Conflict and Cooperation, while many other schools, including Stanford, Harvard, MIT, Ohio State, Syracuse and Illinois, make courses available under the aegis of conventional social science departments.

This, of course, has also been the case at U of T, where HIS 412H (War in the 20th Century), POL 438Y (Arms Races and Arms Control), and SOC 304Y (Change and Conflict in Contemporary Society) are firmly established in the arts and science calendar. The UC program will draw on these offerings, as well as introductory courses in general psychology, sociology and international relations. Two further courses, however, are custom tailored to the program: UNI 110 (Introduction to Peace and Conflict Studies) and UNI 310 (Decision-Making Processes). Both will be taught at UC by the creator of the program and the first occupant of the as yet unwound UC Chair in Peace Studies, Anatol Rapoport. (Although establishment of the program does not depend on a permanent endowment for the Chair, the two are linked. UC Principal Peter Richardson hopes the \$1 million required for the endowment will issue from the University's fundraising campaign, to begin this fall.)

Rapoport, a Russian-born polymath who has in his time functioned as mathematician, psychologist, semanticist, sociologist, game theorist and concert pianist, has been a presence at U of T since 1970, when the unpeaceful cast of American foreign policy inspired him to immigrate with his



Professor Anatol Rapoport is the first occupant of the UC Chair in Peace Studies.

family to Canada. He began teaching at Scarborough College with a dual appointment in mathematics and psychology, formally retiring in 1979, with emeritus status, to accept the directorship of Vienna's Institute of Advanced Studies. His retirement from that post brought him back to the University, to teach courses in psychology and decision theory, and, at the urging of Toronto colleagues who now make up the local chapter of Science for Peace, fill the peace studies chair on a status-only basis. "I had already tried twice to retire, unsuccessfully," says Rapoport, now 74, "so I gave up on the idea."

He did not give up on the idea of instruction at the undergraduate level, however. Summers during his Vienna appointment were spent in Toronto, teaching PSY 220 (Introduction to Social Psychology). Enrolment in the peace studies program will be limited to 12 per year, partly because of the stringent enrolment pressures already affecting some of the program's required history and political science courses, and partly because Rapoport intends to supervise personally all students in the program. This is how the subject must be taught, he says, and 12 is how many students he can handle.

These students will be selected on the basis of the traditional criteria of ability, intelligence and commitment, Rapoport says, although they must be willing to develop a strong grounding in hard social sciences, preferably with a good appreciation of statistics. He expects to attract the "peacenik" community, as well as students with an interest in a career of international diplomacy. If the program attracts students with ideological predispositions, he says, so be it. "People are entitled to their ideologies. I have an ideology. But students will be expected to adhere to certain standards of rational discussion."

Even a student convinced of the viability of Mutual Assured Destruction as a means of achieving world peace could complete the course in good conscience, maintains Rapoport. "An academic program is an academic program," he says. "This (hypothetical) student should know the content of these courses, and be enlightened regarding the things that are related to war, peace and conflict resolution. As far as his personal predilections are concerned, nobody is going to sit on

him and tell him to think otherwise. But he will have to know what is involved."

The program will survey four approaches to peace studies, Rapoport explains, as will, in miniature, his introductory course at UC. One is the psychological approach, which concerns itself with the cognitive and motivational dynamics of decision-making, and the individual genesis of benign and hostile interactions between groups. Another is the strategic approach, which looks at conflict and negotiation through the rational lenses of game theory. The ideological approach examines the role of conflicting world views in international relations, while the systemic approach emphasizes those large-scale forces affecting conflict that do not follow the priorities of psychology or rational strategy, such as arms races.

Yet there is a missionary as well as

an analytic component to the program, since the ultimate object of all peace studies is to enhance the chances of finding solutions to the pervasive threat of war. Rapoport's own view is that a new fundamental understanding of war as an institution is crucial to progress. "The conventional view of war — I don't mean the old view, which was that war was a legitimate extension of foreign policy — but the conventional anti-war view, is that war is a disaster, a visitation, like an earthquake or flood," he explains. "Periodically the international controls break down and war happens, in an outburst."

"I don't agree with that at all. My view is that war as an institution is imbedded in modern social structure. It is an organism in humanity."

Just as the conventional perception of war must change, so must the conventional search for a remedy. Like physicians, diplomats have tended to look for the sufficient causes of the disease that is war. In a sense this is not necessary, says Rapoport, because the necessary causes are already known: weapons. Since there can be no war without weapons, the first order of business is to find a way of eradicating them.

The more immediate mission of the program, however, is to establish and legitimize peace studies as a worthy academic pursuit. "I feel that there should be a discipline concerned with the problems of war, peace and conflict resolution," says Rapoport. "As a matter of fact, there is already such a discipline. It remains for the people who are involved in this discipline to arrange courses in it, curricula in it, research in it, and so forth."

"We now have environmental studies, which has become a discipline because of the dire need to pay attention to the environment. We have recognized institutes, recognized curricula, in environmental studies. Certainly the problem of war and peace deserves as much attention."

Archbishop of Canterbury to receive honorary degree

The Most Reverend Robert Runcie, Archbishop of Canterbury, will receive an honorary Doctor of Divinity degree at a special Trinity College Convocation March 18.

The degree, from the college's Faculty of Divinity, is in recognition of the archbishop's service to the Anglican Church throughout the world.

In addition, honorary college fellowships will be granted to Chancellor George Ignatieff, former provost of Trinity College, for his contribution to world peace, and to the Right Reverend Edward Scott, Primate of the Anglican Church of Canada, for his contribution to the Canadian church.

The Archbishop of Canterbury will be in Toronto for an international meeting March 11-18 of the Anglican church's 28 primates. A primate is the elected head of the church in a particular jurisdiction, called a province. Canada is one province of the church.

The special Convocation marks the first time Trinity College has simultaneously honoured the Archbishop of Canterbury and the Canadian primate.

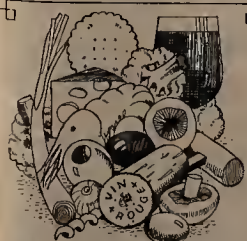
The ceremony begins at 8.30 p.m. in Strachan Hall. For tickets and information call Sandy Brown, 978-2651.

Dinner to honour Paul Fox, set up scholarship fund

A dinner honouring Paul Fox, whose 10-year term as principal of Erindale College ends in June, will be held at the Skyline Hotel March 26.

Proceeds from tickets (\$100 per person) will be used to establish the Paul W. Fox Scholarship Fund. Guest speaker at the dinner will be journalist and former president of the national Progressive Conservative party, Dalton Camp.

Tickets may be reserved through the Campus Relations Office, Erindale College, 828-5214. Those unable to attend may wish to send a donation to the fund. Tax receipts for the maximum amount eligible will be issued.



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Events

Lectures

Human Rights: An Indian Perspective.

Tuesday, March 11
Prof. R.C. Pandeya, University of Delhi, Shastry visiting lecturer. Upper Library, Massey College, 10 a.m. (South Asian Studies)

Content — Independent Reasons.

Tuesday, March 11
Prof. Leslie Green, York University, 152 University College, 4 p.m. (Philosophy)

For Whom Do Critics Write?

Tuesday, March 11
Prof. Leslie Fiedler, State University of New York, Buffalo, 140 University College, 4.10 p.m. (English and Comparative Literature)

The Sympathetic Preganglionic Neuron.

Tuesday, March 11
Dr. Canio Polosa, McGill University; Heart and Stroke Foundation lecture, neuroscience, Advances in Sensory Physiology series, 2172 Medical Sciences Building, 5 p.m.

Popular Culture and Elite Culture in Brazil.

Tuesday, March 11
Prof. Emilia Viotti da Costa, Yale University, Upper Library, Massey College, 5 p.m. (Brazil Seminar, SCM and Brascan Ltd.)

The Laws of Defibrillation.

Wednesday, March 12
Prof. Leslie A. Geddes, Purdue University; Rosenstadt lecture, 2173 Medical Sciences Building, 4 p.m. (Biomedical Engineering)

Graduate Studies at Toronto: The Role of the Dean.

Wednesday, March 12
Prof. Em. Robin Harris, University historian, 140 University College, 4.30 p.m. (UC)

Communicating to Reduce the Threat: A Psychological Perspective.

Wednesday, March 12
Christopher Ross, clinical psychologist, 179 University College, 8 p.m. (Science for Peace, Physicians for Social Responsibility and Lawyers for Social Responsibility)

Babylonian Religion in the First Century AD: Excavations at the Inanna Temple at Nippur.

Wednesday, March 12
Prof. Edward J. Keall, Department of Middle East & Islamic Studies and ROM, 140 University College, 8.15 p.m. (Society for Mesopotamian Studies)

The Conflict between Characters and Narrative in Fiction.

Thursday, March 13
Prof. Ian Shaw, Brock University; spring lecture series in the humanities, H-308 Scarborough College, 9 a.m.

Offsetting the Perils of Intervulnerability.

Thursday, March 13
Prof. Charles Doran, Johns Hopkins University; Claude T. Bissell visiting professor of Canadian-American Relations; last in series of four, Canada and the United States: Mutual Vulnerabilities. George Ignatieff Theatre, Trinity College, Devonshire Place, 8 p.m. (International Studies)

150 Years of Turkish Politics: Enlightenment and Entropy.

Friday, March 14
Prof. Talat S. Halman, visiting University of Pennsylvania. Croft Chapter House, University College, 10 a.m. (Middle East Studies Committee, CIS, Middle East & Islamic Studies and Federation of Canadian Turkish Associations)

The French Slave Trade: Business Boom and Moral Qualms in the 18th Century.

Friday, March 14
Prof. Pierre Boule, McGill University, 1072 Sidney Smith Hall, 11 a.m. (History)

Rumi and the Mawlawi Dervishes.

Friday, March 14
Prof. Talat S. Halman, visiting University of Pennsylvania, 1105 Sandford Fleming Building, 7.30 p.m. (Middle East Studies Committee, CIS, International Studies, Middle East & Islamic Studies and Federation of Canadian Turkish Associations)

There is Danger in Speaking Freely: English Espionage and Intrigue at the Papal Court in the Reign of Elizabeth.

Friday, March 14
Prof. Kenneth R. Bartlett, Department of History, Senior Common Room, Burwash Hall, Victoria College, 8 p.m. (Toronto Renaissance & Reformation Colloquium)

Hazardous Wastes: Let's Treat Them Right.

Sunday, March 16
Donald A. Chant, Ontario Waste Management Corporation, Auditorium, Medical Sciences Building, 3 p.m. (Royal Canadian Institute)

Major Moments in Quebec Painting since 1918.

Monday, March 17
Prof. Marcel Saint-Pierre, Université du Québec à Montréal, 154 Sigmund Samuel Library, 3 p.m. (Canadian Studies, Secretary of State and Association for Canadian Studies)

J.M. Synge and Samuel Beckett.

Monday, March 17
Prof. Katharine Worth, University of London, Robert Cill Theatre, Koffler Student Services Centre, 4 p.m. (Drama Centre)

A St. Patrick's Day Village Celebration.

Monday, March 17
Jane Austen, Social Classes and the Anglo-Irish Ascendancy of That Time. Prof. Michael Hurst, University of Oxford, 4.10 p.m.

Ireland's Wild and Golden Geese (The Refugee Irish Earls of the 1690s).

Monday, March 17
Matthew Culligan-Hogan, 5.10 p.m. 400 Alumni Hall, St. Michael's College, 121 St. Joseph St. (SMC, English and Celtic Studies)

Do We Have Free Will and Moral Responsibility?: New Light from Quantum Physics.

Monday, March 17
Sir John Eccles, Nobel laureate in medicine; Wiegand Foundation series, The Mind: Logic and Emotion. Convocation Hall, 8 p.m. (Arts & Science)

Science vs. Faith? The War that Never Was.

Monday, March 17
Prof. Colin Russell, Open University, UK, 301 Victoria College, 8 p.m. (Canadian Scientific & Christian Affiliation at U of T)

Poésie et Peinture au Québec.

Tuesday, March 18
Prof. Marcel Saint-Pierre, Université du Québec à Montréal, 153 Sigmund Samuel Library, 4 p.m. (French, Secretary of State and Association for Canadian Studies)

Origins of Sexual Guilt in Western Civilization.

Tuesday, March 18
Prof. Keith Hopkins, University of Cambridge, 140 University College, 4.10 p.m. (Classics)

Humanism and Inhumanity: Justus Lipsius.

Tuesday, March 18
Prof. Anthony T. Crafton, Princeton University; 21st annual Erasmus lecture. Alumni Hall, Victoria College, 4.30 p.m. (Reformation & Renaissance Studies)

Inuit Art and Inuit Identities.

Wednesday, March 19
George Swinton, artist, Morrisburg; spring lecture series in the humanities, H-214 Scarborough College, 4 p.m.

Middlemarch and Victorian Feminist Writing.

Wednesday, March 19
Prof. Gillian Beer, University of Cambridge, 113 Emmanuel College, 4.10 p.m. (Literary Studies, Victoria)

Reading the Illegible: Some Modern Representations of Urban Experience.

Wednesday, March 19
Prof. Steven Marcus, Columbia University, 140 University College, 4.10 p.m. (English)

Archaeology of a Medieval Village; Wharham Percy, Yorkshire, England.

Wednesday, March 19
Lesley Abrams, Centre for Medieval Studies. Lecture room, McLaughlin Planetarium, 4.30 p.m. (Archaeological Institute of America, Toronto Society)

Chronic Lymphocytic Leukemia.

Thursday, March 20
Dr. Daniel Catovsky, University of London. Main lecture theatre, Toronto General Hospital, 9 a.m. (Medicine)

Directing Shepard's *Buried Child*.

Thursday, March 20
James Mitchell and Sally Jones, Scarborough Drama Club; spring lecture series in the humanities, H-215 Scarborough College, 11 a.m.

Cell Markers and Ultrastructural Studies for the Characterisation of Leukemic Cells.

Thursday, March 20
Dr. Daniel Catovsky, University of London. Main lecture theatre, Toronto General Hospital, 5.30 p.m. (Medicine)

Saving the Wild Panda and Its Habitat: A Field Worker's Report from China (or — Where Is All the Money Going?).

Thursday, March 20
Don Reid, University of Calgary, 1101 Sandford Fleming Building, 4.30 p.m. (Forestry and World Wildlife Fund)

AIDS Update.

Thursday, March 20
Drs. Victor Blanchette and S.E. Read, Hospital for Sick Children, and Jack Nusbacher, Canadian Red Cross Blood Transfusion Service. Main auditorium, Hospital for Sick Children, 7 p.m. (Paediatrics and Medicine)

Aging and the Strategies of Life.

Thursday, March 20
Dean James E. Birren, University of Southern California, Los Angeles; fifth annual Anthes Wilson Abernethy distinguished lecture. Auditorium, Clarke Institute of Psychiatry, 8 p.m. (Gerontology)

The Politics of Islamic Revivalism.

Friday, March 21
Prof. John Esposito, Holy Cross College, Worcester, Mass. Seeley Hall, Trinity College, 10 a.m. (Middle East Studies Committee, CIS, Middle East & Islamic Studies, Centre for Religious Studies and Department of Religious Studies)

Stress.

Thursday, March 22
Kelly Walker, Applewood Centre for Spiritual Studies. Dons' Brunch-and-Speaker series, J.M. Spiegel Hall, South Building, Erindale College, 11 a.m. Tickets \$5, students \$5, must be picked up by Thursday preceding session. Information: Housing office, 828-5286 or 828-5279.

Dal "volgare" di Dante all' "italiano" moderno.

Monday, March 24
Prof. Stefania Ciccone, University of British Columbia; spring lecture series in the humanities, H-310 Scarborough College, 9 a.m.

Research Strategies in Information Science.

Monday, March 24
Prof. Thomas D. Wilson, University of Sheffield, 7th floor lounge, Claude T. Bissell Building, 3 to 5 p.m. (Library & Information Science)

Aeadia: From Oral to Written Culture.

Monday, March 24
Antoine Maillet, author and playwright; Women's Centenary lecture, George Ignatieff Theatre, Trinity College, Devonshire Place, 4 p.m.

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Governing Council & Committees

Academic Affairs Committee.

Thursday, March 19
Council Chamber, Simcoe Hall, 4 p.m.

Planning & Resources Committee.

Monday, March 17
Council Chamber, Simcoe Hall, 4 p.m.

Business Affairs Committee.

Wednesday, March 19
Council Chamber, Simcoe Hall, 4 p.m.

Governing Council.

Thursday, March 20
Council Chamber, Simcoe Hall, 4.30 p.m.

Research & Academic Services Subcommittee.

Monday, March 24
Council Chamber, Simcoe Hall, 4 p.m.

Events

Seminars

Theory of Momentariness and Its Implications.

Monday, March 10
Prof. R.C. Pandeya, University of Delhi, Shastri visiting lecturer. Upper Library, Massey College. 2 p.m. (South Asian Studies)

Therapeutic Products from Blood Fractionation.

Monday, March 10
Dr. A.D. Friesen, University of Manitoba. 5227 Medical Sciences Building. 2 p.m. (Biochemistry)

Jewish Medical Ethics and the Generation of Life: Abortion and In-Vitro Fertilization.

Monday, March 10
Chief Rabbi Sir Immanuel Jakobovits, United Hebrew Congregations of the British Commonwealth, Joseph and Gertie Schwartz memorial lecturer. 179 University College. 3 p.m.

The Sound of One Foot Running.

Monday, March 10
Prof. R. Stone, School of Physical & Health Education. 330 Benson Building. 4 p.m. (P&HE)

Insulin Secretion in Type II Diabetes.

Monday, March 10
Dr. Michael Pfeifer, VA Medical Center, Louisville. Basement level, McMaster Building, Hospital for Sick Children, 180 Elizabeth St. 5 p.m. (Banting & Best Diabetes Centre)

Recombinant RNA: New Tool for Biotechnology.

Tuesday, March 11
Dr. Henri Grosjean, University of Brussels. 4171 Medical Sciences Building. 4 p.m. (Biochemistry)

Bureaucracy and Administrative Law.

Wednesday, March 12
Prof. Susan Rose-Ackerman, Columbia Law School; law and economics workshop. Solarium, Falconer Hall. 12 noon to 1.45 p.m. Copy of paper in advance \$3 (includes lunch) from Diana Koczka, Faculty of Law. 978-6767.

Colloquia

The Time Evolution of Hot Magnetic Stars.

Wednesday, March 12
Prof. John Landstreet, University of Western Ontario. 137 McLennan Physical Laboratories. 3.10 p.m. (Astronomy)

A Sketch of the Evolution of Ring Theory.

Thursday, March 13
Prof. Israel Kleiner, York University; K.O. May lecture in the history of mathematics. 301 Victoria College. 4 p.m. (HPST)

P-P Collisions at 1.6 TEV.

Thursday, March 13
M. Franklin, Lawrence Berkley Laboratories. 102 McLennan Physical Laboratories. 4 p.m. (Physics)

Biosynthesis of Capsular Polysaccharide in *Escherichia coli*.

Thursday, March 13
Prof. Chris Whitfield, University of Guelph. 2082 South Building, Erindale College. 5.10 p.m. (Biology, Erindale)

Rights, Public Choice and Communal Goods.

Friday, March 14
Prof. Jeremy Waldron, University of Edinburgh; legal theory workshop. Solarium, Falconer Hall. 1.10 p.m.

Copy of paper in advance \$3 (includes lunch) from Diana Koczka, Faculty of Law. 978-6767.

The Political Implications of the Nonformal (Parallel) Economy: Cases from West and East Africa.

Friday, March 14
Prof. Naomi Chazan, visiting Harvard University. Croft Chapter House, University College. 2 to 4 p.m. (Development Studies)

Orestes 470-724: Persons, Personas and Personalities.

Friday, March 14
Prof. M.J. O'Brien, Department of Classics. 148 University College. 3.10 p.m. (Classics)

Women in Ministry in the Catholic Church.

Friday, March 14
Audrey Doetzel, Regis College. Boardroom, Toronto School of Theology. 3.10 p.m.

Reading Manuscripts from Petrarch to Milton (1350-1650).

Friday, March 14
Paleography in England: 1500-1700. II. Anne Quick, Records of Early English Drama.

Editing Medieval Texts.

Friday, March 14
Prof. Ruth Harvey, Department of English. Last two in series of 10 workshops in manuscript research and paleography. 316 Pratt Library, Victoria College. 2 to 4 p.m. (Reformation & Renaissance Studies and REED)

Large-Scale Dissociation of Molecular Gas in Galaxies by Newly Formed Stars.

Wednesday, March 19
Prof. Ronald Allen, University of Illinois. 137 McLennan Physical Laboratories. 3.10 p.m. (Astronomy)

Research Issues in Adult Development and Aging.

Wednesday, March 19
Dean James E. Birren, University of Southern California. Los Angeles. 2135 Sidney Smith Hall. 4.15 p.m. (Psychology and Gerontology)

The Real and the Unreal in Scientific and Religious Imagination.

Thursday, March 20
Dean John Bowker, University of Cambridge. Upper Library, Massey College. 3.10 p.m. (Centre for Religious Studies)

Nitrogen Assimilation in Plants: Progress and Controversies.

Friday, March 14
Prof. Ann Oaks, McMaster University. Room 7, Botany Building. 3.30 p.m.

Cultural Policy.

The Importance of Culture to Nationhood.
Monday, March 17
Bernard Ostrey, TVOntario.

Canada's Broadcasting Policies.

Monday, March 24
Peter Herrndorf, Toronto Life. Public policy workshops. 3050 Sidney Smith Hall. 4 to 6 p.m. (Political Science)

The Effects of Muskoxen on High Arctic Sedge Meadows.

Thursday, March 20
Gregory Henry, Department of Botany. 2082 South Building, Erindale College. 5.10 p.m. (Biology, Erindale)

Isaiah 1-12 and the Text/Commentary Paradigm.

Friday, March 21
Ivan Friesen, graduate student, St. Michael's College. Boardroom, Toronto School of Theology. 3.10 p.m.

Evolutionary Ecology of the *Limnanthes* taxa: Outcrossers vs Selfers.

Friday, March 21
Prof. S.K. Jain, University of California, Davis. Room 7, Botany Building. 3.30 p.m.

DNA Repair Synthesis in Neurons and Lymphoid Cells with Age.

Friday, March 21
Jean De Sousa, Department of Physiology; Biology of Aging discussion series. 6205 Medical Sciences Building. 4 p.m. (Gerontology)

Technology in Rehabilitation.

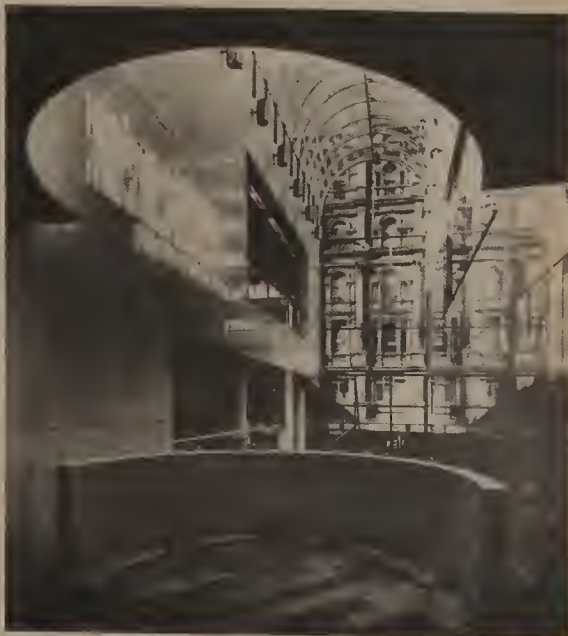
Monday, March 24
Prof. M. Milner, Department of Rehabilitation Medicine. 330 Benson Building. 4 p.m. (P&HE)

Analytical Mechanics and the Calculus in the Early 18th Century.

Thursday, March 20
Prof. Michael S. Mahoney, Princeton University; K.O. May lecture in the history of mathematics. 301 Victoria College. 4 p.m. (HPST)

A Scintillating View of the Universe.

Thursday, March 20
Prof. R.M. Baltrusaitis, University of Utah. 102 McLennan Physical Laboratories. 4 p.m. (Physics)



Mid-City Centre, Sydney, Australia, from exhibition. Old Continent, New Buildings: an exhibition of contemporary Australian architecture, on display at the Faculty of Architecture & Landscape Architecture.

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Pretty soon micro users (all of whom couldn't afford their own laser printers) started coming to us. They wanted quality output from their micro word processing packages. So in November 1985 we added our Micro Laser Printing service. At about 15 cents/page for the first copy and 5 cents/page for each additional copy the service was also an instant success. Users wanted more. Again. So we added italics and extended the character set (to allow for things like accents). We were getting ready to try on our laurels for size. Too soon.

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Events

Meetings & Conferences

The Future of Women at U of T.
Monday, March 10
Forum. International Student Centre. 12 noon.
Information: 978-8201.
(Ad Hoc Committee on the Status of Women and Women's Centre)

Step Families — Making Them Work.
Tuesday, March 18
Erna Paris, author and broadcaster. University Women's Club, 162 St. George St. 7.30 to 9 a.m.
(U of T Women's Network)

Preservation or Restoration — The Presence of the Past.
Symposium of the William Morris Society of Canada.
Friday, March 21
Politics and Preservation, keynote address, John Sewell. 8 p.m.
Admission \$5; faculty, students, members and symposium registrants free.
Saturday, March 22
19th Century Context. 10 a.m.
Today's Issues. 2 p.m.
Sessions in 140 University College.
Registration fee \$20, members \$15, students \$8.
(UC and William Morris Society)

Charlemagne: Barbarian, Emperor, Father of European Culture.
Saturday, March 22
The Great Carolingian Church: Shrine or Throne Room? Religious Practice and the Carolingian Renaissance; Luxury Manuscripts from the Court of Charlemagne; The Rebirth of Drama; Charlemagne and Byzantium; Influence in the Visual Arts; Carolingian Literary Figures; The Crowning of Charlemagne (videotape); Easter play performed by Poecili Ludique Societas; exhibition of luxury manuscripts from the court of Charlemagne in facsimile. Registration fee \$60 includes luncheon on characteristic of Charlemagne's day. Registration form available from School of Continuing Studies.
Information: 978-2400.
(SCS and Medieval Studies)

First Impressions: Social Semiotics of Language Attitudes: Evaluative Reactions toward Accents.
Prof. Ellen Ryan, McMaster University.
Semiotics and Literary Discourse in Italo Calvino (1960-1980).
Prof. Rocco Capozzi, Department of Italian Studies.
Saturday, March 22
Meeting of the Toronto Semiotic Circle.
205 Northrop Frye Hall, Victoria College. 10 a.m.

Music

ROYAL CONSERVATORY OF MUSIC

Noon Hour Series.
Wednesday, March 12
Atis Bankas, violin.
Wednesday, March 19
Joyce Gundy, violin.
Concert Hall. 12.15 p.m.

Marc Widner, Piano.
Thursday, March 13
Twilight series. Concert Hall. 5.15 p.m.
Tickets \$2; students and senior citizens \$1.

Royal Conservatory Orchestra.
Friday, March 14
Alexis Hauser, conductor.
Church of the Redeemer, Bloor and Avenue Rd. 8 p.m.
Tickets \$9.50 and \$6.50; students, senior citizens and handicapped \$7 and \$4.50.
RCM box office, 978-5470.

Jarvis Chen, Piano.
Thursday, March 20
Young artists series. Concert Hall. 5.15

Information on all Conservatory concerts available from publicity office, 978-3771.

EDWARD JOHNSON BUILDING FACULTY OF MUSIC
Student Chamber Music Groups.
Thursday, March 13
Thursday, March 20
Thursday noon series.
Walter Hall. 12.10 p.m.

Gianni Schicchi.
By Puccini.
Les Mamelles de Tiresias.
By Poulenc.
Friday, March 13 and Saturday, March 15
Opera division productions.
MacMillan Theatre. 8 p.m.
Tickets \$12; students and senior citizens \$7.

University Singers.
Monday, March 17
Michael Coghlan, conductor.
Walter Hall. 8 p.m.
Tickets \$3.

U of T Jazz Ensemble.
Saturday, March 22
Phil Nimmons, director.
MacMillan Theatre. 8 p.m.
Tickets \$5; students and senior citizens \$3.

U of T Concert Band.
Sunday, March 23
Bruce McGregor, conductor.
MacMillan Theatre. 3 p.m.
Tickets \$3.

U of T Concert Choir.
Monday, March 24
Robert Cooper, conductor.
Walter Hall. 8 p.m.
Tickets \$3.

Information on all events in the Edward Johnson Building available from the box office, 978-3744.

Exhibitions

Scarborough College.
To March 14
Alex de Cosson, sculpture.
Gallery hours: Monday-Thursday, 9 a.m. to 7 p.m.; Friday 9 a.m. to 5 p.m.; Sunday 2 to 5 p.m.

Faculty of Architecture & Landscape Architecture
To March 20
Old Continent — New Buildings: Contemporary Australian Architecture, presented by Design Arts Board, Australian Council.
Gallery hours: Monday-Friday, 9 a.m. to 5 p.m.
(Lease Corp. Ltd., Australian Dept. Foreign Affairs, Qantas Airways and Australian High Commission, Ottawa)

Robarts Library.
To March 16
Kidney Foundation.

March 17 to 31
Arthritis Society.
Sponsored by Services to Disabled Persons. South lobby display case.

To March 31
Palestine in 1927, photo essay of urban, village and desert life by Luciano Morpurgo; presented by Jewish Students' Union and B'nai Brith Hillel Foundation at U of T Main display area.

Thomas Fisher Rare Book Library.
To March 31
Journey from the East, the life and times of Mark Gayn.

Erindale College.
To April 6
Judith Sandiford, paintings.
Gallery hours: Monday-Friday 11 a.m. to 7 p.m.; Saturday-Sunday 12 noon to 5 p.m.

Justina M. Barnicke Gallery, Hart House.
March 13 to 27
East Gallery: Hart House art competition.
West Gallery: 64th annual Hart House Camera Club exhibition.
Gallery hours: Tuesday-Saturday, 11 a.m. to 6 p.m.

Films

Cities of Italy.

Ravenna.
Wednesday, March 12

Venice.
Wednesday, March 19
Third and fourth in series of six video presentations.
Room 6, Northrop Frye Hall, Victoria College. 12.15 p.m.

The Golden Age of American Cinema.

All About Eve.
Thursday, March 13

Singin' in the Rain.
Thursday, March 20
Room 153, Level A, Audiovisual Library, Sigmund Samuel Library. 6.30 p.m.

Miscellany

Working for Peace.
Wednesday, March 12
Chancellor George Ignatieff will speak at open forum. Auditorium, Faculty of Education, 371 Bloor St. W. 7 p.m.
(UTAA, Student/Faculty Committee FEUT and World Conference on Religion for Peace/Canada)

Special Convocation.
Tuesday, March 18
Archbishop of Canterbury, Most Reverend Robert Runcie, will receive honorary degree; Chancellor George Ignatieff and Right Reverend Edward Walter Scott will be installed as honorary fellows of Trinity College. Seeley Hall, Trinity College. 8.30 p.m.
Tickets required. 978-2651.

Plays & Readings

Vinegar Tom.
March 11 to 16
By Caryl Churchill. Fourth of six plays in Graduate Centre for the Study of Drama studio season. Robert Gill Theatre, Koffler Student Services Centre. Tuesday to Saturday 8 p.m.; Sunday matinee 2 p.m.
Tickets \$5; students and senior citizens \$3.
Reservations: Monday to Friday 11 a.m. to 5 p.m., 978-8688; performance box office opens one hour prior to curtain time, 586-7986.

Joe Rosenblatt.
Wednesday, March 12
Poet will read from his own work. Walden Room, University College Union, 79 St. George St. 4 p.m.

Bethune.
March 20 to 22
By Rod Langley. TV Studio 1, Scarborough College. 8 p.m.

John Gray.
Friday, March 21
Playwright will read from his own work. TV Studio 1, Scarborough College. 3 p.m.

Kaspar.
March 11 to 15
By Peter Handke. UC Playhouse, 79a St. George St. 8 p.m.
Tickets \$3.
Reservations and information: 978-6307.

Events deadlines

Please note that information for Events listings must be received in writing at the Bulletin offices, 45 Wilcocks St., by the following times:
Events taking place March 24 to April 7: Monday, March 10
Events taking place April 7 to April 21: Monday, March 24

University of Toronto

Bookroom

MARCH SPECIALS

25% off
All Women's Studies Books

50% off
Exercise Outfits

50% off
Most books published by McClelland & Stewart
March 1st - 22nd

U of T Frosted Highball Glass
reg \$2.98
Now \$1.98

"Women in Toronto"
Coffee Mug reg. \$4.50
NOW \$2.25

214 College Street, corner St. George in the Koffler Centre. 586-7900



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In Memoriam

J. Stanley Glen, principal emeritus of Knox College and former professor of New Testament, Jan. 7.

Professor Glen was the seventh principal of Knox College, serving from 1952 to 1976.

He was born in Saskatchewan and had a distinguished academic career. He had a PhD in psychology as well as a ThD from Victoria University. He was ordained to the Presbyterian ministry in 1937.

In 1945 he was appointed professor of New Testament in Knox College. He became principal in 1952 and served until his retirement in 1976. He retired from his chair in 1977.

Professor Glen gave strong theological leadership to the college and to the church. A profound and industrious scholar, he was an early advocate of the ordination of women to the ministry.

He was the author of a number of books, among

them *The Recovery of the Teaching Ministry*, *The Parables of Conflict in Luke*, *Pastoral Problems in First Corinthians*, and *Eric Fromm: A Protestant Critique*.

Professor Glen was active in the World Alliance of Reformed Churches and served as chairman of the North American section.

Memorial donations may be made to the Knox College Library.

Personnel News

Job Openings

Below is a partial list of job openings at the University. The complete list is on staff bulletin boards. To apply for a position, submit a written application to the Personnel Department.

(1) Sylvia Holland; (2) Steve Dyce; (3) Varujan Charakhanian; (4) Christine Marchese; (5) Maureen Brown; (6) Mirella Taiaroli; (7) Lisa Rafis.

Applications Programmer Analyst II

(\$23,850 — 28,060 — 32,270) Preventive Medicine & Biostatistics (3)

Applications Programmer Analyst V

(\$38,270 — 45,020 — 51,770) Information System Services (3)

Clerk II

(\$14,510 — 17,070 — 19,630) Dentistry (8)

Clerk III

(\$15,930 — 18,740 — 21,550) Preventive Medicine & Biostatistics, grant-funded till Dec. 1986 (8)

Dental Assistant

(\$17,470 — 20,550 — 23,630) Dentistry (8)

Human Resource Officer II

(Personnel Officer II) (\$30,970 — 36,440 — 41,910) Royal Conservatory of Music (1)

Laboratory Technician II

(\$19,450 — 22,880 — 26,310) Banting & Best Medical Research (9), Pathology (1)

Laboratory Technician III

(\$21,480 — 25,270 — 29,060) Banting & Best Medical Research (9), Anatomy (9)

Purchasing Officer III

(\$29,380 — 34,570 — 39,760) Purchasing (3)

Secretary I

(\$15,930 — 18,740 — 21,550) Hart House (3)

Secretary III

(\$19,450 — 22,880 — 26,310) Personnel & Labour Relations (2)

Systems Software Programmer III

(\$36,220 — 42,610 — 49,000) Computing Services (3)



Honouring Norman Bethune

Yu Zhang, ambassador of the People's Republic of China, greets Mac Reynolds, sculptor of a bronze plaque in honour of Dr. Henry Norman Bethune, unveiled March 4, Bethune's birth date, by the ambassador and President George Connell in a ceremony in the Medical Sciences Building.

The inscription on the plaque reads: "To the memory of Dr. Henry Norman Bethune, who graduated from this Faculty of Medicine in December, 1916. An innovative surgeon and pioneer in the development of blood transfusion techniques, Dr. Bethune is especially known for his work in China from January, 1938 until his death while on duty in Hebei Province in November, 1939. His dedication and heroism earned him the gratitude of the Chinese people and international acclaim." The Chinese translation also appears on the plaque, which will be located in the MSB memorial lobby.

President Connell presented the ambassador with a graduation portrait of Bethune and received from the ambassador a collection of photographs of Bethune in China. Among those taking part in the ceremonies were Dean of Medicine Fred Lowy, who spoke of Bethune's life and contributions to medicine, and John Browne, principal of Innis College and coordinator of health sciences exchanges between U of T and institutions in China.

CREES committee on East European studies

The Centre for Russian & East European Studies (CREES) has formed a special centre committee to consider the state and future of East European studies at the University of Toronto and the centre's role in this area.

Members are: Professors Harvey Dyck, history (*chair*); Alan Abouchar, economics; Harold Bedford, Slavic languages and literatures; George Bisztray, Hungarian Chair; T.J. Colton, CREES; Louis Iribarne, Slavic languages and literatures; Jacques Kornberg, history; Bennet Kovrig, political science; P.R. Magocsi,

Ukrainian Chair; Andrew Rossos, history; and H. Gordon Skilling, political science; and Mary Stevens, Roberts Library.

The committee's agenda will include issues of faculty complement, research opportunities, relations with ethnic communities and ethnic chairs, and national leadership in the East European field by CREES and the University of Toronto.

The committee welcomes input from interested members of the University community, who are asked to contact Professor Dyck (978-3381).

Search committee, director, religious studies

A search committee has been established to recommend a director for the Centre for Religious Studies. Members are: Associate Dean P.J. Perron, SGS (*chairman*); Vice-Dean Ian Drummond, arts and science; G.P. Richardson, University College and religious studies; Nada Conic, graduate student, classics; W.J. Callahan, religious studies; M.R. Marrus, history; R.C. Hutchinson,

Emmanuel College; R.M. Savory, Middle East and Islamic studies; P.W. Nesselroth, comparative literature; N.L. Gottschalk, SGS (*secretary*).

The committee will be pleased to receive comments or submissions from interested persons. These may be sent to Associate Dean Paul Perron, chairman of the committee, at the School of Graduate Studies, 63 St. George St.

Erindale Campus

University of Toronto IN MISSISSAUGA

PRESENTS Meet the Erindale Authors

March 12, 1986, 4:00 p.m.
Art Gallery, Erindale Campus
University of Toronto

...featuring

F.Coda, PHYS
J.Parcy, AST
D.Lambdan, SUR
R.Cook, CHM
G.Gad, GGR
R.Back, CLA
M.Northey, ENG (Writing Lab)
J.Canfield, PHL
E.Neg'la, SPA
S.Munro, GGR
R.Cummins, BIO (BOT)
I.Still, CHM
D.Morton, HIS
H.Taylor, PHYS
D.Dunlop, PHYS
R.Irwin, BIO (BOT)
T.Martone, FAH
N.Collins, BIO (ZOO)
J.Astington, ENG (Orama)
L.Etean, FAH
A.Stein, SOC

H.Wainbarg, FRE
C.LaVigna, HIS
S.Bashavkin, POL
P.Fox, POL
P.Maycock, BIO (BOT)
G.Katz, ITA
M.Lavana, ENG
S.Astar, HIS
I.Graham, MAT
R.Day, POL
U.Krull, CHM
V.DaLuca, ENG
J.Paterson, FRE
B.Corman, ENG
C.Cloutier, FRE
A.Cohan, PSY
M.Spencer, SOC
E.A.Robinson, CHM
D.Cook, POL
K.Lantz, SLA
J.Skvoracky, ENG
R.Sullivan, ENG

R.S.V.P. 828-5214

Faculty of Arts and Science
Announces a Lecture in the Wiegand Foundation Series on
The Mind: Logic and Emotion

To be given by
Sir John Eccles
Nobel Laureate in Medicine
Author of "The Wonder of Being Human"
on the topic

**Do We Have Free Will and Moral Responsibility?:
New Light From Quantum Physics**

Monday March 17, 1986, 8 pm. Free Admission
Convocation Hall, King's College Circle



Women In Toronto

Second Annual WOMEN'S CENTENARY LECTURE

The Women's Centenary
Lecture Committee for the
University of Toronto
takes great pleasure in
announcing a lecture by

ANTONINE MAILLET
Author and Playwright

**ACADIA: FROM ORAL
TO WRITTEN CULTURE**

Monday, March 24, 1986
4:00 p.m.

George Ignatieff Theatre
15 Devonshire Place
(just south of Varsity Stadium)

Admission is Free
No Tickets Required
Information 978-4352

Grad Students PLEASE VOTE

In the
combined GSU executive
election/referendum on
group health insurance

Polls open:
Tuesday, March 25
Wednesday March 26

Polls
(open from 11 a.m. until 4 p.m.)
Med. Sci. Lobby
Robarts Library
GSU building
OISE cafeteria

Aerospace,
only one day, T.B.A.

Scarborough,
only one day, T.B.A.

Erindale, Tuesday only
(bring your student card)

PUBLIC LECTURE

Department of English
University of Toronto

Professor Steven Marcus
Columbia University

**Reading the
Illegible:
Some Modern
Representations of
Urban Experience**

Wednesday, 19 March 1986

Place:
Room 140
University College

Time:
4:10 p.m.

Letters

Message to non-members: UTSA wants your money, not your opinions

At the meeting to approve the Memorandum of Agreement the U of T Staff Association reaffirmed its stance that non-UTSA staff members should not be included in the negotiations for new contracts but should be forced to pay dues set by UTSA. Possibly the non-UTSA employees would like to know what they will be paying for.

UTSA is hoping to use binding arbitration as the means of settling any disagreements with Simcoe Hall. Until the UTSA's Board of Representatives was asked at the meeting, no one had thought to ask how much a mediator/arbitrator costs. An arbitrator earns between \$800 and \$1,800 per day plus expenses. The expenses normally equal the *per diem*. UTSA could end up paying in excess of \$26,000 to take matters to mediation and arbitration. (This is for 40 days at an average \$1,300 per day. The 40 days is roughly the period between March 31 when a mediator is named and May 31 when the arbitration report is due.) This amount did not bother the UTSA members because this cost will be raised by the non-member dues.

Much of UTSA's time has been spent emphasizing the effort that goes into negotiations. If the budget presented for 1985 is examined, however, only about 10 percent of UTSA's budget goes to negotiations. Part of the "Release time for elected UTSA officials" (\$12,800) and part of the "Professional Services" (\$6,000), totalling about \$15,000, should be allocated to negotiations. The remaining 90 percent of the budget goes to pay for staff members who maintain the records and assist the members, printing the newsletter, office expenses and other professional services. The cost of negotiations could be met by each UTSA member contributing \$1 per month. Or, 50 cents per employee could raise the same amount. Possibly the members should be asking about what services they are getting for their dues.

By examining the budget one can see why UTSA needs more money. Between 1984 and 1985 "Conferences, Workshops and Special Events" expenses went up by 73 percent. "Donations" went up by 100 percent over the same period and in the November/December issue of the newsletter the two donations mentioned in that issue took UTSA 15 percent over budget. The overall budget increase from 1984 to 1985 amounted to more than 26 percent. UTSA needs money, from new sources, to cover its rampant spending spree.

A motion to amend the memorandum to remove the section that required non-members to pay UTSA dues as a condition of employment was defeated. A second motion was put forward to at least have non-member input to the annual negotiations with the administration. This motion was struck down. The clear message this brings to the non-UTSA employees is that UTSA wants your money but does not want your opinions or comments.

Since the administration prefers to deal with groups rather than individuals and UTSA spends much of its time on matters not associated with annual salary and benefit negotiations,

the time has come to form a Salary and Benefits Negotiating Committee outside of UTSA. Such a committee would represent all employees, including UTSA members, and deal with the administration only on salaries, benefits and working conditions.

There would be no mandate for the committee to present conferences or newsletter the two donations mentioned in that issue took UTSA 15 percent over budget. The overall budget increase from 1984 to 1985 amounted to more than 26 percent. UTSA needs money, from new sources, to cover its rampant spending spree.

staff wants their salary and benefits allocated. This approach assumes that the administration and the employees are intelligent and can work together to improve their interaction at the University of Toronto by talking to each other. Little can be accomplished by two groups who feel that they need to fight with each other to get results.

Another alternative is to persuade the administration to negotiate



separately with non-UTSA employees. I am sure this would be done in the spirit of collegiality and cooperation UTSA once enjoyed.

Klaus Heuck
Academic Systems

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Letters

Widening the 'break-point trap'

University professors are a docile and submissive lot but I am surprised at the growing silence into which President Connell's open letter (*Bulletin*, Dec. 16), outlining his administration's negotiating position on next year's salary settlement, has disappeared.

With the help of Professor Michael Finlayson's UTFA newsletters I have looked into the future President Connell threatens us with and I don't like what I see.

Professor Finlayson draws attention to the administration's proposal that those "whose past achievements are already recognized by their salary

level . . . would have their increases tied more directly to merit assessments;" the plain English of which I take to mean that senior faculty are, in President Connell's view, paid too much, and he intends to "propose arrangements" to pay them less.

What President Connell — or Professor Finlayson, for that matter — might have pointed out is that there is nothing new in the proposal to be less than even-handed in rewarding the merit of senior faculty. Leaving aside the "Senior Salary Category," a group so overpaid that they are denied an annual across-the-board salary increase, and so exalted that the central administration reserves to itself the responsibility of deciding whether or not they are worthy of a merit award, there are those who are in what might be called the "break-point" trap. This, those whose salary is above the "break-point" will be aware, is a device employed in the internal economy of the University to ensure that differing standards for merit awards are applied to those in the salary scale above the "break-point" and those below it.

In their most reductive form these differing standards may be seen in the different "norms" for merit awards made to these two groups. Thus, in 1984-85 merit pay of \$1,575 was available to someone below the "break-point" and only \$900 above it; in 1985-86 the figures were \$1,630 and \$930.

How in practice this works to the disadvantage of senior faculty who are above the "break-point" appears in a letter from the then chairman of my department to such "senior" colleagues.

"My point . . . is probably obvious enough, but I wanted to emphasize it because of the distress I felt in trying to determine career-progress (PTR or merit) amounts for people in this category (many of whom seem to have published a good deal this year). I was forced to give a number of people increases that were only average or below average for the department, and all members of this group would have fared much better in relation to the average if they had been in the group with salaries below the 'break-point'."

How in fact (I may as well bare all or nearly all) this worked to my own disadvantage is clear. In 1982 (the year in question) the merit "norm" was \$1,280 for those below the break-point, \$730 for those, like myself, above it; my merit increase was \$714 (which presumably caused my chairman some distress). In 1981 I published two books and had a third in the press.

I don't doubt that what President Connell has in mind is to modify the formula on which merit pay is based so that the "break-point trap" — or something like it — becomes deeper and wider, in order rapidly to increase the numbers of those caught in it and rapidly to diminish the merit awards

they enjoy.

Those at risk are not just a few high-flyers, but most of those currently teaching at the University, as merit and age march them towards and beyond the point — the "break-point" — at which, in President Connell's opaque prose, their "past achievements are already recognized by their salary level."

Peter L. Heyworth
Department of English
University College

Appropriate proprieties

In the account of the attempts by four faculty members to obtain an injunction from the Ontario Supreme Court (Feb. 3), the *Bulletin* refers in the first paragraph to Justice Joseph O'Brien but from there on relegates him to "O'Brien" (five times). I do think that in a University of the stature of Toronto, we could observe the appropriate proprieties and refer to him as Mr. Justice O'Brien. In the same vein, is it too much to ask that President Connell be accorded his proper title?

John Gittins
Department of Geology

Provostial review, Faculty of Medicine

In accordance with University policy, the Office of the Provost will conduct a review of the Faculty of Medicine to coincide with the conclusion of the current term of the incumbent dean, Professor F.H. Lowy, in June 1987. The purposes of the review are to advise the subsequent decanal search process and to inform the provost's office and the Faculty of Medicine with respect to the Faculty's strengths and weaknesses.

Terms of Reference

1. To examine the status and quality of the teaching and research programs of the Faculty using primarily information already available from departmental and divisional reviews conducted over the past few years.

2. To examine the effectiveness of the Faculty's administrative structure under the following headings:

- (a) Faculty and divisional organization
- (b) Establishment of Faculty priorities including
 - (i) budget development, allocation and management
 - (ii) allocation of academic staff positions
- (c) Role of the Faculty in health care planning

Membership

Dr. C.H. Hollenberg, vice-provost, health sciences (chairman); Professors T.M. Robinson, dean, School of Graduate Studies; A.R. Ten Cate, dean, Faculty of Dentistry; I.B. Fritz, Banting & Best Department of Medical Research; Peggy Leatt, Department of Health Administration; W.M. Paul, Department of Obstetrics & Gynaecology; E.A. Phillipson, Department of Medicine; B.I. Roots, chairman, Department of Zoology; and G.S. Day, Faculty of Management Studies; G.P. Turner, president, Mount Sinai Hospital; Jackie James, president, The Medical Society, Faculty of Medicine, (undergraduate student); one post-graduate student (to be named); Daniel Lang, assistant vice-president (planning) and registrar (assessor); and David Keeling, assistant vice-provost, health sciences (secretary).

In order that its deliberations may be as informed as possible, the committee (a) will be seeking the advice of three external reviewers, and (b) invites comments from members of the University community, and others outside the University who interact with the Faculty of Medicine. Submissions should be sent to David Keeling in the Office of the Vice-President & Provost, Simcoe Hall, by early April.

Search committee for director, South Asian studies

A search committee has been established to recommend a director for the Centre for South Asian Studies. Members are: Associate Dean Paul Perron, School of Graduate Studies, (chairman); Vice-Dean C.P. Jones, arts and science; Maeve McMahon, graduate student; Professors Anthony Doob, criminology; Victor Falkenheim, East Asian studies; J.T. O'Connell, religious studies; John Simpson, sociology; and N.K. Wagle, history; and David Shulman (secretary).

The committee will be pleased to receive comments or submissions. Please direct them to Associate Dean Paul Perron, chairman of the search committee, at the School of Graduate Studies, 63 St. George St.

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A cheque or money order payable to University of Toronto must accompany your ad.

Ads must be submitted in writing, 10 days before *Bulletin* publication date, to Marion de Courcy-Ireland, Department of Communications, 45 Wilcocks St., Toronto, Ontario M5S 1A1. Ads will not be accepted over the phone.

Accommodation Rentals Available - Metro

Cabbagetown. Fully furnished, renovated Victorian row house, 3 bedrooms, 3 bathrooms, study, fireplace, deck, 6 appliances, walking distance to U of T. Ideal for family with young children. Available July '86 - July '87. \$1500/month + utilities. 920-1432.

St. George - College area, 1 bedroom apartment, newly refurbished, clean, quiet. Eat-in kitchen and own bathroom. Second to your classroom. \$550 monthly plus small utilities bill. Call 968-9392 evenings.

Large 2-bedroom house available July '86 - Sept. '87 furnished, appliances, fireplace, walkout, deck, large garden, private drive, garage. Prince Edward/Bloor. \$900/mo. + utilities. References. 233-9515 evenings.

Furnished home (3 bedrooms + office), nice garden, for rent during research leave September 1986 - August 1987, flexible. Pleasant, quiet east end street, close to Pape subway, shopping, schools, park. Children welcome. \$1000/mo. Phone (416) 466-6165.

Summer rental, Robert at Sussex. Professor's furnished 2 bedroom renovated Victorian home. 1 block from campus, washer, dryer. Available May 1 - August 31. \$850. per month, utilities included. 929-9092.

Furnished, newly renovated house for rent, 5 bedrooms, 3 1/2 bathrooms, finished rec room, fireplace, 2 car parking. Central location - St. Clair/Avenue Rd. Sept. 86 to June 87. \$2000/mo. (416) 485-2285.

Furnished home for rent. Port Union/Lawrence, executive, ravine, 4.5 bedrooms, 3 1/2 baths, sauna, 2 family rooms with fireplaces, 7 appliances, double garage, near GO, in-law facilities. Aug. 86 - May 87, \$1700. 261-0171.

Toronto house to rent: Late June-end August. Steps to Lawrence subway, fully furnished, new, three bedroom house. Study, 2 baths, central air and vacuum, enclosed yard. Quiet. \$995 a month plus utilities. 481-2423 evenings.

Beech Area. Large 3 bedroom furnished house. 4 bathrooms + guest room. Large inground swimming pool & garden. Weekly cleaning service for house and pool included. 20 min. U of T. \$500/week. Available June 28 - Aug. 24. 691-2750.

Toronto summer rental - Rosedale. Professor's furnished 9-room house, quiet tree-lined crescent near parks, shops, bus. Eat-in kitchen, separate dining room, 2 1/2 baths, patio garden, all appliances. References. \$1,275/mo. plus hydro. 960-4964.

St. Clair - Yonge - UCC. Attractive 3 storey, 4 bedrooms, 2 bathrooms, 2 fireplaces, sauna, appliances. \$1925. 487-0844.

Summer Rental, furnished 2 bedroom bungalow in Bloor-Royal York area. Quiet, pleasant area, 4 min. walk to subway. Arranged as 1 bedroom plus study. Professional person or couple preferred. Available approx. May 1 to Sept. 3. \$775/month, including utilities. Prof. Reed, 978-3491 (office), 233-9444 (home).

Downtown spectacular Gloucester St. townhouse. 4 1/2 storey sunken living rm., 3 appl. kitchen, dining rm., washer/dryer, 2 fireplaces, open den, bedroom, master bedroom, 2 pc., 4 pc., & 5 pc. bathrooms, roof deck, 3 skylights, central air, 2 car garage. \$2300/mo. + utilities. Call (416) 927-8139.

Furnished house 1 year from July 1, 1986. Near Yonge and Eglinton, large renovated 4 bedroom, 2 fireplaces, walkout to patio, family room, close to schools, parks, TTC 10 min. U of T. \$1850 + utilities. 481-3788.

Furnished home (2 bedrooms, study) near St. Clair/Lansdowne, 25 minutes by TTC to university. Available 1 May 1986 - 30 June (or possibly till August) 1987. \$600/month plus utilities. 656-9602.

Summer Rental. Walk to U of T. Professor-owner's apartment (two floors) in a quiet Victorian home. Two bedrooms. Two baths. Walkout to nice garden. Parking. 23 June - 1 September. \$975/month. Includes utilities. Tel: 922-4510.

Riverdale: Gerrard/Logan, 20 min. TTC to U of T (24 hr. streetcar at corner). Fully furnished Victorian row house: 2 bedrooms, den, washer, dryer. Walk to shopping facilities. Non-smokers preferred. Available August 1986-July 1987 inclusive. \$900 month - 1 year lease. Call 461-3361 evenings or 979-4372 days (Susan).

House for rent, semi-detached, July 1, 1986 - July 1, 1987, \$850/month, 3 blocks walk west of campus, 4+ bedrooms, 2 bathrooms, large kitchen, 6 appliances, deck, parking. Call 921-3925, 8-11 p.m.

Annex. Attractive 2 room flat in gracious home. Stained glass, antiques, etc. Friendly ambience. Nicely furnished. Futon sofa bed, lots of drawer space, shelves, desk space. Near park. Quiet. Female non-smoker. April 1. \$375. 929-3521.

Cess Loma. Charming one-bedroom apartment, third floor of large home, separate entrance, completely self-contained, steps to subway, park, shopping, quiet neighborhood, Spadina/St. Clair. \$700 per month, utilities included. Call 967-1983.

Family home, west Annex, ideal for visiting faculty. One-year lease, beginning August 15. Fully furnished and equipped, 3 storeys, 3 bedrooms, 2 den/sitting rooms, lrm, dlm, eat-in kitchen/greenhouse, 2 1/2 bathrooms, 2 fireplaces, 6+ appliances, piano, 3 private deck/verandahs, secluded garden, 2-car garage. \$1825 977-7973, ext. 105.

1986-87 Sabbatical - Rent or Exchanges. Need: A furnished 3 bdrm. house in the Vancouver West area. Available for rent or exchange: Upper Forest Hill 3 bdrm. house with breakfast rm., finished basement, fireplace, piano, TV, stereo, antiques. Close to excellent public and private schools, convenient public transportation, 20 minutes from U of T by car. J. Timusk: Home (416) 481-3600, Office (416) 978-5053.

Charming bungalow, High Park area, fully furnished. One minute Jane subway and shopping. Three bedrooms, 1 1/2 bathrooms, large garden, garage, woodstove, 7 appliances, basement playroom. Available March 15. \$1100/month + utilities. (416) 762-6891 (messages).

High Park. Attractive large 2-room flat. Sunny. Entire third floor. Nicely furnished. Recently painted, carpeted 2 closets. Near beach, park, TTC. Sublet from April 9 from visiting prof. Male non-smoker. \$375. 929-3521.

Midtown, 15-min. drive to University, convenient shopping: furnished house, 4-5 bedrooms, 1 1/2 bathrooms, 6 appliances, piano, French immersion schools. \$1400 monthly. July '86-Aug. '87. Prof. Patricia Vican, Scarborough College, 284-3171, evenings, 481-1947.

Accommodation Rentals Required

Professional family with three school-aged children needs a house to rent while own home is being renovated, 3 bedrooms and furnished, if possible. April-August. Dr. M. Teplitzky. 922-4285. Please leave message.

3 Bedroom house, fully furnished + linens, dishes, maid service optional - for responsible family vacationing month of July. Confirmation needed by May definitely. \$1,500/month approx. Prof. Summerhill stop. Call Dr. Quarty, 967-5877.

Furnished house in north Toronto: required July 1, 1986 by family of 5, 4 bedroom, family room, children attending Crescent, Glenview schools, excellent references. 485-9252.

Furnished house or apartment for month of July required by New Zealand university administrator and family with three children. Will care for yard, pets, etc. Phone 471-6095.

Professional couple, no pets, no children, non-smokers, require one or two-bedroom furnished accommodation, close to Univ. of Toronto, for 12 months, from Sept. 1, 1986. Write Dr. M. Yates, Geography, Queen's Univ., Kingston, K7L 3N6.

One bedroom apartment or flat wanted near subway, west end. April 1. \$400. Diane 826-9222, ext. 284, 9-5 weekdays.

Accommodation Out-of-Town

Country retreat, Stratford/Goderich area, ideal for sabbatical or relaxing, weekend getaways. Charming, century-old house in quiet village, fully furnished and equipped, 3 bedrooms, 1 1/2 baths, fireplace, eat-in kitchen, lrm, parlor/den. Available for summer season or year-round. \$500/mth. 977-7973, ext. 105.

Accommodation Shared/Exchanges

Professional wanted to share 2 bdr. highrise near Sherbourne/Bloor subway with same. Rent: \$370.00/month. (Parking \$40/mo. extra). Mostly furnished. Great view. Call Pam: 880-0204 days: 921-077 eve.

Fully furnished 2 bdrm. apartment with large kitchen to be shared with one other, available April-August. Large bdrm. with large desk available. 20 min. walk to university. Quiet non-smoking professional required. \$650 incl. month. Call Danny Harvey, 978-4975 (w), 961-7404 (h), or Rob Sutherland, 469-4777 (w).

Houses/Properties For Sale or Wanted

For Sale. Condo apt. Excellent location. \$112,900. Four rooms, w/o to balcony. Nicely decorated in neutral tones. Slove and ledge incl. Parking. Close to subway. Call Jim Chealey, Darrell Kent Real Estate Ltd., Realtor. 690-8911.

Lekefront home, modern design, energy efficient. 1950 sq. ft. of living space. Attached double garage. Full basement. Six years old. All modern conveniences. Built on 4 forested acres, 246 ft. of lakeshore. Sand beach, 15 min. from Huntsville. \$93,000. Details weekdays after 6 p.m. and weekends. (705) 789-7867.

Accommodation Overseas

Amsterdam near Amstel River. For rent: renovated attic, close to all public transportation. Sleeps 23. \$175 pw. 284-5058 after 5 p.m.

France - 18th century farmhouse overlooking wild valley. Charming, renovated, fully furnished. Four bedrooms, large main room, courtyard and sun-deck. Short drive to shopping, 13th century villages. Two hours to Toulouse. Available beautiful autumn months. (416) 694-9374.

London Subbottical. 3 Bedroom Hampstead flat, available 1 year from Aug. '86. Contact: G. Cunningham/R. Shier. 531-5183.

Sabbatical retreat south of France. Spacious house, part of former chateau, fully furnished and equipped, 12 miles Montpellier, 20 to Mediterranean in wine-producing village. Courtyard garden, telephone, garage. September 1, 1986 to June 30, 1987. \$600 mo. 978-2652 or 690-4481.

Vacation/Lelsure

Backpack Canada, United States & South America. Adventuresome backpacking treks in the magnificent Canadian Rockies, the Grand Canyon in Arizona, the lower Apalachians during the autumn colour season, the Florida Trail, hot hopping in the White Mountains of New Hampshire, the Grand Tetons of Wyoming, the Andes Mountains of PERU, the Weminuche Wilderness of San Juan National Forest in Colorado and other exciting treks. For those who feel a full backpacking trip would be too difficult, we have some trips where we hike out daily from a base camp in scenic back-country areas. No experience required. Tips are 7 to 10 days duration. Request brochure. WILLARD'S ADVENTURE EXPEDITIONS, Box 10, Barre, Ontario, Canada L4M 4S9. (705) 737-881 daytime, (705) 728-4787 evenings.

HIKING AND CYCLING in style throughout the summer and fall of 1988. Switzerland, Austria, Italy (Dolomites), England, Nepal. Experienced guides, good food and accommodation. lun. Call Dolomite Tours Ltd. (416) 486-7472.

Isla of Wight, U.K. Take a relaxing vacation on this island off the south coast of England. Numerous historical sites to visit and beautiful sandy shores to lie around on make this a great place for that old-fashioned holiday. Write: Ken & Viv Hewett, 94 Wilton Park Rd., Shanklin, I.O.W., England PO37 7BY. Rates: B & B and evening dinner £75 per week (app. \$150 Can.).

Barbadoe - One or two bedroom cabanas. West coast near Speightstown. Best beach on the island. Good swimming, snorkelling, diving, wind surfing, etc. Close to golf and tennis. Weekly \$350 Canadian Dec. 15-April 15, \$250 after that. Contact M. McGrath 978-4941 or 967-5992.

Wanted: Cottages to rent for 1 or 2 weeks, August 1986. MUST have safe beach, road access, 2 or more bedrooms. Prefer Lake of Bays, Muskoka, Haliburton or Georgian Bay. References available. (Non-smokers) 489-1746.

BED-BREAKFAST IN FRANCE. Family in France is eager to welcome, near Cognac, between Bordeaux and the Loire Valley, Canadian adults or families (2-4 pers.) with bed and breakfast & private kitchen - 140 FF per person/day. All year long except July. Please write: Mrs. Tessier Huot, Domane Rigoletrie, Louzac, 16100 Cognac.

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Miscellaneous

Passport photos now on campus. B/W Polaroid, 2 for \$6.50 (incl. tax, cash or internal code only). Wednesdays 10-2. Inst. Media Services, Rm 021, Best. Inst. 112 College St. 978-8919.

Your Own Credit Union. If you are employed by the U of T you can join the Universities and Colleges Credit Union (Unico). For further information call 978-5505 and ask for the member services department.

BEEF BEEF BEEF Grain fed young beef for your freezer. Tenderness and flavour guaranteed. Government inspected. Raised on family member's farm, priced below market, and delivered in Metro Contact Professor Bruce Conchie evenings through 492-7764 or weekends at 613-478-5205.

Professionals Only Singles Registry and Introduction Agency for University Graduates aged 25 to 45 (Proof required). Established 1981; over 1583 registered. Registry parties: opera, theatre, wine-tastings, guest speakers, dances, etcetera, for \$32 and up. Introduction agency arranges personal introductions for \$675. 927-PEER.

Accent Need Adjustment? Workshops forming with "accent" on pronunciation and formation of the English sound system, English pronunciation and intonation patterns. Small groups, ten weekly sessions. Personalized attention. Christine Gandy, B.A., Reg. OSHA Language/Speech Pathologist. 877-8691.

Weight Control Effectiveness Program. An alternative to dieting & overeating. A group program designed for gradual weight loss, for developing a positive self-image and for reducing guilt around eating. New sessions begin April 14. Interviews for registration have started now. Contact Magdalene Agraliotou, M.A. Tel: 928-3117.

Find connections between your central theme(s) & patterns and what gets in the way of achieving your personal goals. For individual counselling contact Magdalene Agraliotou, M.A. 928-3117.

FREEZER ORDERS OF BEEF: Prices: (good until April 30, FOB Orangeville) Sides \$1.73, Front-quarters \$1.49, Hind-quarters \$2.04. Professionally butchered to your specifications, frozen, and reliably marked. Delivery \$15 in Toronto. Phone Prof. Michael Joy 978-6538, 233-2628 or 519-941-1189.

Tai Chi at the Centre of Movement: During the Spring Session (March 25 - May 7) Master Situ Mo will teach Tai Chi (Wu style) in collaboration with Ruth Bernard, movement specialist and integrationalist. Ruth will offer specially designed exercises from her Body Wisdom and alignment work which are structured to facilitate the student's understanding of the intrinsic principles of Tai Chi. Other exciting workshops and classes in movement and dance are also offered. Call 466-9549 for more information.

Type II Diabetic (age 25-50) are invited to participate as volunteers in a research project intended to study different metabolic parameters associated with blood glucose control. Please call Dr. Jose Jimenez 978-510.